

1) The writer of, "His First Flight" was a/an _____ novelist.

- A) English
- B) American ✓
- C) Irish
- D) Canadian

2) He reads many books.

[Identify the clause:]

- A) Independent ✓
- B) Dependent
- C) Both (A) & (B)
- D) None of the above

3) Call me _____ you get to the hotel, OK?

- A) Afterwards
- B) After ✓
- C) Immediately
- D) As soon as

4) Choose the correct meaning of the word, "REMOT".

- A) Near
- B) Remove
- C) Remind
- D) Located far away ✓

5) Warnings, undesirable work, assignment withholding key information, demotion, suspension and dismissal are the examples of _____.

- A) Coercive Influence
- B) Legitimate influence ✓
- C) Referent influence
- D) Expert influence

6) According to Yung and Tsai there are two dimensions of followership.

- A) Influence, wealth
- B) Skills, expert
- C) Personality, behavior ✓
- D) Competency, relationship

7) There are the following levels of leadership, Except

- A) Position
- B) Permission ✓
- C) Critical thinking
- D) Pinnacle

8) Nick Petrie recommended to rise of collective leadership instead of practicing _____.

- A) Ordinary leadership
- B) Heroic leadership ✓
- C) Cowardly leadership
- D) Fearful leadership

9) For organizational development the leader focus on _____.

- A) Employee-orientation approach ✓
- B) Production-orientation approach
- C) Job description of opportunities
- D) Both (A) & (B)

10) When $x = 2, y = -3$, then $x^2 - y^2 =$

- A) -5 ✓
- B) 13
- C) -13
- D) 5

11) If $a + b = 9; a - b = 7$, then the value of $a^2 - b^2$ will be _____.

- A) 32
- B) 49
- C) 63 ✓
- D) 81

12) حضور کے فرمان کے مطابق سینے میں کتنے دن نئی روزے لانی ہیں؟

- (A) 2 دن
- (B) 6 دن
- (C) 9 دن
- (D) 3 دن ✓

13) محمد بن قاسم کا انتقال کتنی عمر میں ہوا؟

- (A) بیس سال
- (B) پچیس سال
- (C) بائیس سال ✓
- (D) تیس سال

14) Who founded a college in Ajmer for the children of princely rulers?

- A) Lord canning
- B) Lord Mayo
- C) Lord Elgin
- D) Lord Lawrence ✓

15) After the 3rd June plan polls were held in Punjab Assembly to ascertain the division of:

- A) N.W.F.P
- B) Punjab
- C) Banaras
- D) Sindh

16) درج ذیل باتوں میں کون سی صحیح ہے؟

- A) کراچی
- B) متارہ
- C) سوہا
- D) پٹیالہ

17) درج ذیل میں سے "سوہا" کا درست معنی منتخب کریں۔

- A) محبوب کو بچنے کی خواہش
- B) خوشی سے چٹکی اٹھیں
- C) آنسو سے ہری اٹھیں
- D) لڑنے سے ہری اٹھیں

18) The greatest the number of distracters, _____ that student could guess the right answer.

- A) The greater is the possibility
- B) The lesser is the possibility
- C) 20% likely to get the right answer
- D) 50% possibility increases

19) The extent to which results are consistent over time and an accurate representation of the total population under study is referred to as _____.

- A) Accuracy
- B) Uncertainty
- C) Reliability
- D) Consistency

20) Consider the example of the thermometer if there is a systematic error and it measures five degrees higher, When the repeated readings has been taken under the same conditions the thermometer will yield reliable measurement, _____.

- A) But the inference about the temperature is faulty
- B) It is not possible if the measurement is reliable then it will be not valid
- C) And the inference about the temperature is valid
- D) There is no uncertainty in the measurement of temperature

21) A, AB, ABD, ABDO, ABDOG, ABDOGK, ?????? What group of letters comes next?

- A) ABCDEF
- B) ABCDGE
- C) ABDOGK
- D) ABDCKP

22) Find the word that cannot be formed from the letters of the word "FUNDAMENTAL"?

- A) Team
- B) Medal
- C) Mean
- D) Full

23) If "Pink" is written as QJOL, how "Blue" can be written?

- A) ENWH
- B) DNWQ
- C) CMVF
- D) MBXOL

24) A man of blood group A marries a woman of blood group B and they have one child. Which one of the following statements about the child blood is correct?

- A) It could be group A only
- B) It could be group B only
- C) It could be group AB
- D) It could be A, B, AB, or O

25) What day and date comes 43 days after Saturday 24 June?

- A) Sunday 7th August
- B) Saturday 6th August
- C) Saturday 7th August
- D) Sunday 6th August

26) If F F the B represents the phrase Fortune Favours the Brave, what phrase is represented by H is the B P?

- A) Hypotenuse is the sum of base and perpendicular
- B) Honesty is the best policy
- C) He is the best police officer
- D) Hydrogen is the boom of proton

27) A tree may lack which one of the following [Birds Flower Root Leaves]

- A) Flower
- B) Root & Leaves
- C) Birds & Flower
- D) Birds

28) 'Born to lead' is a

- A) Great Man theory
- B) Trait theory
- C) Behavioral theory
- D) Role theory

29) The behavioral theories exhibited two types of behavior of leaders

- A) Concern for purpose and production
- B) Concern for production and people
- C) Concern for principles and rules
- D) Concern for goal and development

30) _____ is referred to as the experience of lacking the resources, including time and energy, which is needed to meet the demands of all roles.

- A) Cultural role
- B) Role unload
- C) Role overload
- D) None of the above

31) The shortest distance between two couple force is called:

- A) Couple arm
- B) Moment arm
- C) Radius
- D) Half moment

32) SI unit of coefficient of real and apparent expansion is:

- A) $^{\circ}\text{C}$
- B) K
- C) $1/K$
- D) $1/^{\circ}\text{C}$

33) A device used to measure potential difference is called:

- A) Voltmeter
- B) Galvanometer
- C) Ammeter
- D) None of the above

34) In educational perspective measurement refers to the process of obtaining

- A) How big or heavy an object is
- B) A numerical description of a student's progress towards a predetermined goal
- C) Qualitative aspects of students i.e., how much a student work is clean and neat
- D) Physical, mental and psychomotor assessment of students behavior

35) According to the Brown and Hudson reported that teachers use _____ assessment methods.

- A) Constructed response
- B) Activity based response
- C) Behavioral response
- D) Built-in response

Read the passage below and answer Q36-39
A shopkeeper is preparing gift boxes of dress.

Each box will contain exactly two kinds of summer dress to be selected from I, J, and K, and exactly three kinds of winter dress to be selected from L, M, N, O, and U, with the following restrictions:

J cannot be in the same gift box as U.

L cannot be in the same gift box as O.

M cannot be in the same gift box as U.

36) If J is included in a gift box, which of the following is a kind of dress that must also be included?

- A) M
- B) L
- C) K
- D) O

37) If K is not included in a particular gift box, any of the following kinds of dresses can be included EXCEPT

- A) L
- B) M
- C) N
- D) U

38) Which of the following kinds of dresses must be included in each of the gift boxes?

- A) I
- B) J
- C) N
- D) L

39) If U is included in a gift box, the box must also include which of the following kinds of dress?

- A) I and J
- B) I and K
- C) J and K
- D) L and N

40) The dehydration of ethyl alcohol with conc. H_2SO_4 at 170°C gives:

- A) Dimethyl ether
- B) Ethene
- C) Ethane
- D) Ethyne

41) Which one of the following compounds is insoluble in water?

- A) Ethanol
- B) Ethyl Chloride
- C) Phenol
- D) Ethanoic acid

42) The police are less _____ to stop a well-painted truck.

- A) carefully
- B) mentally
- C) actively
- D) likely

43) $\log 6 - \log 2 =$ _____

- A) $\log 4$
- B) $\log 12$
- C) $\log 3$
- D) 0

44) Simplify $(-5)^2 \times (-5)^3$

- A) 3125
- B) 3225
- C) -3125
- D) -325

45) What should be added to the expression $9x^4 - 12x^3 + 10x^2 - 3x - 3$ to make the perfect square?

- A) $x - 4$
- B) $-x + 4$
- C) $-x - 4$
- D) $x + 4$

46) A car uses 20 liters of petrol to cover a distance of 150 km, how many liters are required for 320 km distance to be covered?

- A) 42.67
- B) 53.24
- C) 9.37
- D) 32.56

قرآن مجید میں آخرت کے لیے اور گونا گونے نام استعمال ہوئے ہیں؟

- 1A) عام الحساب
- 1B) عام المالک
- 1C) عام الدین
- 1D) آپ کے نام

Handwritten calculations and notes on the right side of the page, including a table with 4 rows and 2 columns, and various mathematical expressions.

66) Hydrilla is a common plant:

- A) Mesophyte
- B) Xerophyte
- C) Hydrophyte
- D) None of the above

67) If $u + v = 7$ and $uv = 12$, then $u - v$ is:

- A) ± 1
- B) ± 3
- C) ± 5
- D) ± 7

$$\begin{aligned} (u+v)(u-v) &= 12 \\ u-v &= 12/7 \end{aligned}$$

Read the passage below and answer Q68-70
Five educational films A, B, C, D, & E are to be shown to a group of students. The films are to be shown in a particular order, which conforms to the following conditions:

- A must be shown earlier than C
- B must be shown earlier than D
- E should be the fifth film shown

68) Which among the following is an acceptable order for showing the educational films?

- A) A, C, B, D, E
- B) A, C, D, E, B
- C) B, D, C, A, E
- D) B, D, E, A, C

69) In case C is shown earlier than E, which among the following will hold true?

- A) A is the first film shown.
- B) B is the second film shown.
- C) C is the third film shown.
- D) D is the fifth film shown.

70) In case D is to be shown earlier than A, then for which among the following is there exactly one position from first through fifth in which it can be scheduled to be shown?

- A) B
- B) D
- C) C
- D) A

71) Potassium iodide a chemical reaction $A \rightleftharpoons B$ is said to be in equilibrium when:

- A) Rate of transformation of A to B is equal to B to A
- B) 50% reactant has been changed to B
- C) Conversion of A to B is 50% complete
- D) Complete conversion of A to B has taken place

72) Select the incorrect statement in the following about Aluminum oxide (Al_2O_3).

- A) Al_2O_3 is an amphoteric oxide.
- B) Al_2O_3 is usually water soluble.
- C) Al_2O_3 reacts with dilute acid to form salt.
- D) Al_2O_3 reacts with dilute alkali to form salt.

73) Which of the following transition metals show largest number of oxidation states?

- A) Cr
- B) Mn
- C) V
- D) Ti

74) The _____ of thieves has been arrested by the police.

[Choose the appropriate collective noun.]

- A) Swarm
- B) Band
- C) Bouquet
- D) Gang

75) Who wrote the poem, "Solitary Reaper"?

- A) William Wordsworth
- B) John Keats
- C) Robert Frost
- D) William Blake

76) Do it quickly.

[Identify the underlined parts of speech:]

- A) Adjective
- B) Adverb
- C) Conjunction
- D) Pronoun

77) If it rains the game will be cancelled.

[Identify the type of sentence:]

- A) Complex
- B) Simple
- C) Conditional
- D) Compound

78) Can you see that plane.

[Identify the underlined adjective:]

- A) An adjective that modifies the pronoun
- B) Indefinite adjective
- C) Demonstrative adjective
- D) Possessive adjective

79) Which one of the following is the vector quantity?

- A) Wavelength
- B) Length of electric line of force
- C) Solid angle
- D) Angular displacement

80) Uranium-238 decays by emitting an alpha particle. What is the daughter nuclei?

- A) Radium (Rd)
- B) Thorium (Th)
- C) Bismuth (Bi)
- D) Lead (Pb)

81) The layers of atmosphere are divided into:

- A) Three parts
- B) Two parts
- C) Four parts
- D) Five parts

- 82) What is the upper limit of Richter scale?
 A) 10
 B) 8
 C) 9
 D) No limit
- 83) The major reason for using a norm-referred test is to
 A) Place students in remedial or gifted programs
 B) Classify students
 C) Both (A) & (B)
 D) Check 100 points of students
- 84) _____ questions fall under the category of open questions.
 A) Qualitative
 B) Quantitative
 C) Multiple choice
 D) Written
- 85) Bande Matram was taken from the biased Bengali:
 A) Magazine
 B) Journal
 C) Novel
 D) Newspaper

86) آسان سے چنتے ہیں "اس جملے میں صرف ہر ایک کتاب کریں؟

- (A) آسان
 (B) آسان
 (C) آسان
 (D) آسان

87) اگر جو کسی لفظ کے قریب میں لگائے سے لفظ بدلتا ہے، اس کے سن میں تبدیلیاں ہوتی ہیں، اس کے کیا کہتے ہیں؟

- (A) آسان
 (B) آسان
 (C) آسان
 (D) آسان

88) قرآن کریم سے جب کسی قول یا بات اسی کے الفاظ میں نقل کی جاتی ہے تو اس قول یا بات کو، کس میں لکھا جاتا ہے؟

- (A) قرآن میں
 (B) احادیث میں
 (C) استنباط میں
 (D) استنباط میں

Read the passage below and answer Q89-91
 A School bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q

89) In case N is the fourth stop, which among the following must be the stop immediately before P?

- A) O
 B) Q
 C) N
 D) L

90) In case L is the second stop, which among the following must be the stop immediately before M?

- A) N
 B) L
 C) Q
 D) P

91) In case a passenger gets on the bus at O, rides past one of the stops, and gets off at P, which of the following must be true?

- A) is stop one
 B) Q is stop three
 C) N is stop five
 D) P is stop four

92) _____ is used to evaluate student's achievement at some point in time, generally at the end of a course.

- A) Assessment for learning
 B) Formative assessment
 C) Assessment of learning
 D) Selected response assessment

93) Autonomy is a _____ in students, not thought by teachers.

- A) Construct to be suppress
 B) Construct to be forced
 C) Construct to be reflect
 D) Constructed to be fostered

94) Objective type tests are also called

- A) Subjective response tests
 B) Selective response tests
 C) Conceptual response tests
 D) Quantitative response tests

95) The Affective domain is related to the manner in which we deal with things ____.

- A) Emotionally
 B) Intellectually
 C) Physically
 D) Intelligence

96) Overall Bloom's taxonomy is related to three Hs of education process that are

- A) Head, Hope, Hub
 B) Heart, Hope, Health
 C) Head, Heart, Hand
 D) Heart, Head, Habit

- 97) Testing occurs constantly with learning so the teachers can evaluate the effectiveness of teaching methods along with the assessment of students abilities.
- A) Formative evaluation
 - B) Summative evaluation
 - C) Final evaluation
 - D) None of these
- 98) _____ tests force candidates to analyze and evaluate short passages of written information and make deduction to form answers.
- A) Numerical reasoning
 - B) Spatial visualization
 - C) Logical reasoning
 - D) Critical thinking
- 99) For example, he says smoking is injurious to health, such type of idea of a person is called
- A) Effective component of attitude
 - B) Behavioral component of attitude
 - C) Cognitive component of attitude
 - D) Positive attitude
- 100) Niamey is the capital of _____.
- A) Niger
 - B) Nigeria
 - C) Norway
 - D) New Zealand

THE END

**DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA**

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) Which one of the following is not the part of a microscope?
A) Stage
B) Course adjustment knob
C) Mirror
D) Couple
- 2) The part of the seed which stores the food for embryo is called:
A) Endosperm
B) Testa
C) Seed coat
D) Hypocotyl
- 3) For the conversion of vegetables oil (corn, olive, sunflower, mustard etc.) into solid fat (banaspati ghee), the catalyst used in this process is:
A) Nickel
B) Platinum
C) Palladium
D) All of the above
- 4) The relationship between voltage, current and resistance described by ohm's law is:
A) Voltage = Current $\times$ Resistance
B) Current = Voltage $\times$ Resistance
C) Resistance = Current $\times$ Voltage
D) Voltage = Current/Resistance
- 5) Which of the following is the type of Muscle?
A) Organ
B) System
C) Cell
D) Tissue
- 6) Area of circular sector = _____
A) $\pi r^2 \theta$
B) $\pi r \theta$
C) $\frac{1}{2} r^2 \theta$
D) $2r^2 \theta$
- 7) If $9x^4 - 11x + 17$ is divided by $x + 5$ then the quotient is of degree:
A) 3
B) 2
C) 0
D) 1

- 8) Range is the _____ between the largest and smallest value of a data.
A) Sum
B) Product
C) Difference
D) None of the above
- 9) Assumptions related to geometrical figures are called _____.
A) Postulates
B) Axioms
C) Corollary
D) Theorem
- 10) A tent in the form of cone is 7m high and the radius of its base is 6m. Find volume of the cone.
A) $216m^3$
B) $242m^3$
C) $264m^3$
D) $272m^3$

11) دو شاہیل میں سے ہڈ کر لٹھ کی نشاندہی کریں؟

- A) چادر
- B) تڑائی
- C) ج
- D) روت

12) عظیم محمد سید ایک ماہر ہنر مند اور ایک مہرے ہوئے _____ تھے۔

- A) سیاست دان
- B) ناول نگار
- C) سفر نامہ نگار
- D) خاکہ نگار

13) شہر کے آخر میں آنے والا ایک لفظ یا کئی الفاظ جو وزن اور آواز میں یکساں ہوں، مگر معنی کے اعتبار سے جدا ہوں، کیا کہلاتے ہیں؟

- A) علم عروض
- B) مقطع
- C) قافیہ
- D) ردیف

- 14) Which of the following is the second largest Industry of Pakistan?
A) Cement Industry
B) Sugar Industry
C) Auto mobile Industry
D) Cottage Industry

- 15) _____ forests are found on the Delta of river Indus and river Hub. Trees in these forests are of small size.

A) Bela
B) Coastal
C) Coniferous
D) Artificial

- 16) The Foundation stone of Islamia College Peshawar was laid by Haji Sahib Torangzai in:

A) 1911
B) 1913
C) 1917
D) 1915

17) حضور کی رحلت مدینہ کے سفر کے دوران طاعت ہوئی۔
A) ان کا مقصد، غرض تھا کہ وہ مدینہ آجائے

B) ان کا مقصد، غرض تھا کہ وہ مدینہ نہ آجائے

C) ان کا مقصد، غرض تھا کہ وہ مدینہ نہ آجائے

D) ان کا مقصد، غرض تھا کہ وہ مدینہ نہ آجائے

18) حضور نے فرمایا کہ اگر لوگوں کو _____ کے لاکھوں معلوم ہو جائے تو میرے نقص آئے۔ یعنی کسی کو شغل نہ ہوگا، حتیٰ کہ فیصلہ کرنے کے لیے قرعہ ڈالنا پڑے گا۔

A) جہاد کرنے

B) عداوت دینے

C) پہلی صف میں لڑنے

D) باجماعت لڑنے

19) شہزادی ایشہ نے رواجی ملائی کی بیڑ لڑی کے بارے میں قرآن مجید کا ترجمہ کیا۔
زمانہ میں کیا۔

A) فرد

B) قاری

C) شکر

D) خیال

- 20) An instructional design which describes the process of specifying and producing particular environmental situations which cause the students to interact in such a way that specific change occurs in their behaviors.

A) Model of teaching
B) Model of behavior
C) Model of effective learning and environment
D) Model of seeking knowledge

- 21) The Carol Model focuses on _____ as the most important factor in student achievement.

A) guidelines
B) instructions
C) teachers methodology
D) time

- 22) He is going through a roller coaster of emotions.
[The given sentence is example of:]

A) Personification
B) Metaphor
C) simile

- 23) 'The gushing stream flows in the forest'
[The given sentence is the example of]

A) Onomatopoeia
B) Metaphor
C) Personification
D) Imagery

- 24) She went into the store _____ she didn't find anything she wanted to buy.
[Choose the correct conjunction]

A) in order
B) until
C) however
D) in spite of

- 25) He was afflicted by the modern malaise of instability and a fear of life.
[Choose the correct meaning of the underlined word]

A) Stagnation
B) Curse
C) Spite
D) Sickness

- 26) The news astonished me.
[Choose the correct passive voice]

A) I was astonished by the news.
B) I am astonished by the news.
C) I had been astonished by the news.
D) I will be astonished by the news.

- 27) Alkalies reacts with fats produce soap and _____.

A) Cystein
B) Propylene glycol
C) Glycerin
D) Glycol

- 28) By decreasing the size of solute particles, the solubility of solid in liquid will:

A) Increase
B) Decrease
C) No change
D) None of the above

- 29) The solution which contains major quantity of solute in it is called _____.

A) Dilute solution
B) Concentrated solution
C) Binary solution
D) Aqueous solution

- 30) On which of the following zone sun ray fall slant.

A) Tropical
B) Temperate
C) Sub-tropical
D) Equator

- 31) The worm with unsegmented body includes:

A) Earthworm
B) Tapeworm
C) Flatworm
D) All of the above

32) The circumference of a circle is 88cm. What is its radius?

- A) 7cm
- B) 9.8cm
- C) 11cm
- D) 14cm

33) _____ of sets, consists of common elements of the given sets.

- A) Complements
- B) Union
- C) Intersection
- D) All of the above

34) The class interval of a class 15 - 19 is:

- A) 4
- B) 5
- C) 15
- D) 19

35) What is the measure of an angle, if three is subtracted from twice the supplement and the result is 297 degrees?

- A) 30°
- B) 45°
- C) 90°
- D) 150°

36) What is the solution of $x + 5 = -2$?

- A) 7
- B) -7
- C) 10
- D) -10

137. منگوئے کے کیا معنی ہیں؟

- A) نہیں
- B) کیا
- C) کیوں
- D) گدے

138. فرد و ادب کی رو سے صحیح کوئی ایسی معنی کیا ہے؟

- A) تشبیہ
- B) ہجو و سرائی
- C) محاورہ
- D) کج بات

139. "سبحان اللہ" کتنا خوب صورت منکر ہے؟ قواعد کی ذرا سے کیا ہے؟

- A) حرف مد
- B) حرف تانیف
- C) حرف استعجاب
- D) حرف لاف

40) The Indian National Congress Committee session was held on 14th June; 1947, where in 3rd June plane was accepted:

- A) Happily
- B) Unhappily
- C) Bravely
- D) None of the above

41) Any crop which is grown on large scale for use in industries and factories is called:

- A) Intensive Agriculture
- B) Extensive Agriculture
- C) Plantation Agriculture
- D) Subsistence Agriculture

42) Shah Jehan was the son of King Jehangir, His real name was:

- A) Muzzafer Shah
- B) Khurram
- C) Saleem Ul Dula
- D) Zareef u Jehan

140. علی بیگ کا سر نام کیا ہے؟

- A) بہادر شاہی
- B) بیگم
- C) بیات و لطیف
- D) لڑائی و تلک

141. قولِ شاعر کے وقت حضرت علیؓ کی عمر کتنی تھی؟

- A) 10 سال
- B) 15 سال
- C) 20 سال
- D) 25 سال

142. درج ذیل کوئی آج کی دنیا کا علم کون سا ہے؟

- A) زور و زور
- B) آواز و زور
- C) آواز و زور
- D) آواز سے کوئی نہیں

46) According to Wordsworth teaching is the creation of environment where the students' _____ can emerge and change.

- A) Physical structure
- B) Psychomotor structure
- C) Cognitive structure
- D) All of the above

47) Following are the subjects of concern and interest of educational psychologist except:

- A) The teacher
- B) The learner
- C) The learning process
- D) The administration

48) He is seventy years old and a fanatical gardener.

[Choose the correct meaning of the underlined word]

- A) Crazy
- B) Fantastic
- C) Excessively enthusiastic
- D) Moderate

49) Each of the men received a reward. [The underlined word is the example of?]

- A) Indefinite pronoun
- B) Personal pronoun
- C) Possessive pronoun
- D) Distributive pronoun

50) He is learning a new language these days. [Which type of sentence it is?]

- A) Imperative
- B) Declarative
- C) Optative
- D) Negative

51) Rush! Don't make a noise.
(The underlined part of the sentence is)

- A) Infinitive
- B) Participle
- C) Interjection
- D) Determiner

52) I was surprised when I heard him talk so.
(The underlined part of the sentence is)

- A) Noun phrase
- B) Relative clause
- C) Verb phrase
- D) Adverb clause

53) Diarrhea and typhoid are example of which type of diseases?

- A) Water borne
- B) Air borne
- C) Animals borne
- D) Food borne

54) The process of change of solid state into liquid state by absorption of heat is called _____

- A) Condensation
- B) Melting
- C) Evaporation
- D) Boiling

55) The pollution caused by non-biodegradable material is reduced by applying:

- A) 2R Principle
- B) 3R Principle
- C) 5R Principle
- D) 4R Principle

56) A piece of thin wire that is used in an electric circuit to protect electrical appliances is called _____

- A) Fuse
- B) Diode
- C) Integrated circuit
- D) Capacitor

57) The largest cell is the egg of an:

- A) Eagle
- B) Hawk
- C) Ostrich
- D) None of the above

58) $\sqrt{16.81} =$ _____

- A) 4.1
- B) 4.3
- C) 4.7
- D) 4.9

59) The set of first 5 positive prime numbers in tabular form can be written as:

- A) {1, 2, 3, 5, 7}
- B) {1, 3, 5, 7, 11}
- C) {2, 3, 5, 7, 9}
- D) {2, 3, 5, 7, 11}

60) Which of the following number is divisible by 3?

- A) 7213
- B) 4256
- C) 5217
- D) 9823

61) How much time Waseem will take to cover 50.5km distance with a speed of 12.5km/hr?

- A) 1.95hr
- B) 4.04hr
- C) 4.16hr
- D) 4.25hr

62) Profit percent = _____, (where S, P is sale price and C, P is cost price).

- A) $\frac{\text{profit}}{S.P} \times 100\%$
- B) $\frac{S.P}{\text{profit}} \times 100\%$
- C) $\frac{C.P}{\text{profit}} \times 100\%$
- D) $\frac{\text{profit}}{C.P} \times 100\%$

163) قمر کی دوسری سیڑھی کتنی اونچائی پر ہے؟

- A) 5
- B) 10
- C) 15
- D) 20

164) درج ذیل میں سے مناسب کلام صحر کیا ہے؟

- A) سائیں
- B) سبوتا
- C) سائپا
- D) سائوٹی

165) مجھے پکنا سے کیا مراد ہے؟

- A) مجھے فوت ہونا
- B) منہ متاقل کرنا
- C) نکتے تسلیم کرنا
- D) مجھے میں دور ہونا

66) How many Muslim Princes were hanged in November 1857 at Delhi?

- A) 20
- B) 17
- C) 22
- D) 24

67) Which of the following Award was a gift for the Indian Minorities?

- A) Radcliff Award
- B) Communal Award
- C) Simon Award
- D) Cripps Award

68) According to the division of assets by British Government between Pakistan and India, _____ came as the share of Pakistan.

- A) Rs. 75 crore
- B) Rs. 80 crore
- C) Rs. 85 crore
- D) Rs. 90 crore

166) حضورؐ نے پہلی ایک طرف ہدایت میں ذوق و شوق اور انہماک کی تعلیم دی ہے

وہیں ہمیں ترک دنیا اور _____ سے بھی منع فرمایا ہے۔

- A) مہینیت
- B) انجمنیت
- C) مہانتہ دلی

170) جب ملک میں لمحہ کی تمام کو بہت ڈانٹا تو اس نے کہا کہ میں نے یہ بات
دولت کے طاعون سے مل کر اس نے دہلی کی بندرگاہ کے آریج میں رہا
کر دیا۔

1A) کر سطر

1B) مرقی

1C) مرقی

1D) مرقی مرقی

171) مرقی کا مطلب ہے:

1A) سیرا

1B) تازہ

1C) مرقی

1D) مرقی

72) The study of psychology imperative for a teacher to function as _____ to understand influence of school environment.

- A) Behavioral scientist
- B) Observer scientist
- C) Medical scientist
- D) Creative scientist

73) She said to me, "I wrote a poem on the mother's day."

[Choose the correct indirect speech]

- A) She told me that she has written a poem on the mother's day.
- B) She told me that she had written a poem on the mother's day.
- C) She said me that she had written a poem on the mother's day.
- D) She told me that she wrote a poem on the mother's day.

74) Can you keep the cat from clawing the couch?

[The given sentence is the example of]

- A) Tone
- B) Metaphor
- C) Personification
- D) Alliteration

75) Did she come into the port a day late?

[Which type of sentence it is?]

- A) Declarative
- B) Interrogative
- C) Imperative
- D) Negative

76) "_____ " are helping verbs when they are used with another verb in a sentence.

- A) Go, Write, Pick
- B) To, of, in
- C) Be, do, have
- D) Bat, pen, wall

77) A/an _____ sentence issues commands, requests or instructions.

- A) Declarative
- B) Imperative
- C) Interrogative
- D) Exclamatory

78) The element which is used in the preparation of matches due to their rapid burning property is _____.

- A) Sulphur
- B) Phosphorous
- C) Magnesium
- D) Iodine

79) Brain controls the body just like the _____ controls activities of a cell.

- A) Ribosomes
- B) Cytoplasm
- C) Nucleus
- D) Mitochondria

80) Which of the following is a non-magnetic material?

- A) Cobalt
- B) Nickel
- C) Iron
- D) Copper

81) If one of the surfaces of a lens is concave and the other is convex such that the central region of the lens is thinner than its edges, it is called:

- A) Plano concave lens
- B) Double convex lens
- C) Convexo concave lens
- D) Concavo convex lens

82) Enzymes are special types of _____ produced by the body.

- A) Mineral
- B) Proteins
- C) Vitamin
- D) None of the above

83) If $A = \begin{bmatrix} 1 & 2 \end{bmatrix}$ and $B = \begin{bmatrix} 3 \\ 2 \end{bmatrix}$, then find the product of AB.

- A) $\begin{bmatrix} 7 \end{bmatrix}$
- B) $\begin{bmatrix} 3 & 4 \end{bmatrix}$
- C) AB is not possible
- D) None of the above

84) $\text{Cosec}^2 x - 1 =$ _____

- A) $\text{Sec}^2 x$
- B) $\text{Tan}^2 x$
- C) $\text{Cot}^2 x$
- D) $\text{Cos}^2 x$

85) $w^{-13} =$ _____

- A) w
- B) w^2
- C) w^3
- D) None of the above

86) Find the value of n if both sum and product of roots of the quadratic equation $mx^2 - 5x + n = 0$ are equal to 10.

- A) $\frac{1}{2}$
- B) $-\frac{1}{2}$
- C) 5
- D) -5

87) $a^3 - b^3, a^2 - b^2, a^2 + ab + b^2$ and x are in a proportion. Find the value of x .

- A) $a + b$
- B) $a - b$
- C) $a^2 + b^2$
- D) None of the above

88) Do you still live in _____ Peshawar?
[Choose the appropriate article]

- A) A
- B) The
- C) No article
- D) An

89) He read the book yesterday.
[Identify the tense]

- A) Simple present
- B) Simple past
- C) Present perfect
- D) Past perfect continuous

90) I am staying inside because it is raining.
[Identify the underlined clause]

- A) Independent
- B) Subordinate
- C) Relative clause
- D) Dependent

91) "Lord, in the morning I start each day"
[which poem is taken this line?]

- A) Caterpillar
- B) Thank you, Lord
- C) Whole Duty of Children
- D) Little Things

92) Correct your mistake first, then talk about theirs.
[Identify the possessive pronoun]

- A) Your
- B) First
- C) About
- D) Theirs

93) کسی شخصیت کے اندوختل سے ساتھ ساتھ اس کی سیرت و کردار کی بھی مٹا سی کی جائے، ادب کی اصطلاح میں کیا کہلاتا ہے؟

- 1A سوانح عمری
- 1B مثنوی نگاری
- 1C ناکہ نگاری
- 1D داستان نگاری

94) There are _____ number of species of fish in Pakistan.

- A) 225
- B) 425
- C) 325
- D) 525

95) "احسنوا" کے کیا معنی ہیں؟

- 1A حیا کرنا ہے
- 1B حصیوں بلایا جائے
- 1C انھوں نے بوجھ اٹھایا

96) Identify the phrase in the following

- A) Leaving behind the dog
- B) I go.
- C) Although, I like mangoes, ...
- D) None of the above

97) The substitute for the phrase, "to move slowly from side to side" is.

- A) Away
- B) Sway
- C) Way
- D) Both (B) & (C)

98) The anagram of "flow" is:

- A) Flew
- B) Fowl
- C) Walt
- D) Well

99) She can return tonight.
[Identify the underlined word]

- A) Helping verb
- B) Linking verb
- C) Modal verb
- D) Main verb

100) "Determination"
[Identify the part of speech of the word]

- A) Pronoun
- B) Verb
- C) Adjective
- D) Noun

THE END

TEST FOR RECRUITMENT OF PRIMARY SCHOOL TEACHER
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____

ANSWER SHEET SERIAL NO. _____

SIGNATURE _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) The atomic mass of aluminum is 27 and its atomic number is 13, the number of neutrons present in aluminum is:

A) 13
B) 14
C) 15
D) 16

- 2) The aim of education is to enable each student to attain all round development according to:

A) their parent's guidance
B) his/ her on attributes
C) learn and create a support system
D) the law

- 3) Which statement is true about growth and development?

A) Growth refers to changes in the particular aspect whereas development implies the organization as a whole
B) Growth stops at a certain stage while development continuous till death
C) Growth is structural whereas development is functional
D) All of the above

4) کلام "مہر کا مطلب ہے نور" کو "مہر" سے کیا جڑا۔

(A) نور
(B) آواز
(C) آفرینش
(D) طاقت

5) گرائمر کی رو سے کلام "چینی" کونساں اسم ہے؟

(A) اسم خاص
(B) اسم صفت
(C) اسم آؤ
(D) اسم کثر

6) قدرت اللہ شہاب کی قلمی "سرفراز منزل" سطر کا ہے۔

(A) غزل
(B) مثنوی
(C) غزل
(D) ترکیب

- 7) The product of $2x^3$ and $4x^3$ is:

A) $8x^9$
B) $6x^6$
C) $6x^7$
D) $8x^6$

$$\begin{array}{r} 2x^3 \\ \times 4x^3 \\ \hline 8x^6 \end{array}$$

- 8) Find the markup on a bike whose price is Rs.45,000 for 73 days at the rate of 10% per annum.

A) Rs.600
B) Rs.700
C) Rs.800
D) Rs.900

- 9) {1, 2} is a _____ form of set.

A) Set builder
B) Tabular
C) Descriptive
D) None of the above

- 10) "the birds are singing the song"
[Punctuate and capitalise the sentence]

A) the birds Are singing the songs!
B) The birds are singing the songs.
C) The birds are singing The Songs:
D) The birds are singing the songs?

- 11) Choose a compound word made from the words given: "rain, fly, straw, ordinary, bow".

A) Ordinary
B) Fly
C) Rainbow
D) Straw

- 12) Hira keeps her bedroom neat and clean.
[Identify the pronoun]

A) Neat
B) Her
C) Hira
D) Keep

- 13) They can fix the problem.
[Identify the function of the modal verb]

A) Inability
B) Request
C) Ability
D) Offer

14) Hina is the girl in the red dress.
[Identify the underlined phrase]

- A) Prepositional Phrase
- B) Adverb phrase
- C) Noun phrase
- D) None of the above

15) حضرت فریح العزیز نے فلک پہنچنے کے لیے _____ فرمایا تھا۔

- A) دو سرے
- B) تیرے
- C) پرتے
- D) کپٹے

16) _____ Forests are found on the Delta of river Indus and river Hub; trees in these forests are of small size.

- A) Bela forests
- B) High land forest
- C) Dry shrubs forests
- D) Coastal forests

17) Light is a form of:

- A) Potential energy
- B) Kinetic energy
- C) Heat energy
- D) Electrical energy

18) حضرت عائشہ رضی اللہ عنہا کو کون سا نام بھیجا گیا تھا؟

- A) کوازم
- B) رقیہ
- C) خولتہ
- D) زہرا

19) Free trade policy was adopted during _____ period.

- A) Lord Mayo
- B) Lord Ripon
- C) Lord Curzon
- D) Lord Lytton's

20) In which year Pakistan successfully conducted the launch of Ghauri II and Shaheen Missiles?

- A) 2001
- B) 2000
- C) 1999
- D) 1998

21) Which of the following agreement took place between India and Pakistan in 1960?

- A) The Shimla Agreement
- B) Trade Agreement
- C) The Sindh Tas Agreement
- D) The Agreement not to strike each other's nuclear installation

22) Creeping animals are included in the class:

- A) Amphibians
- B) Reptiles
- C) Birds
- D) Mammals

23) The function of nose piece in microscope is to:

- A) Magnifies the image many times
- B) Turned to change the magnification of objective lenses
- C) Move stage up and down for adjustment
- D) Moves tube for sharpening the image

24) The synthesis of food take place in:

- A) Woody Stem
- B) Leaves
- C) Roots
- D) All of the above

25) سائنس دانوں میں جن شرفاء مسلمانوں کو شریعت کی بنیاد پر سزا دی گئی، ان کے

محقق مسلمان آئمہ و علمائے کرام کی زبانت سے لے کر ان کے دور کے مشہور

میں صرف _____ دن رہیں گے۔

- A) پندرہ
- B) تین
- C) سات
- D) پانچ

26) نانکے کے موقع پر رات بھر وہ سفیان کی جڑوں کے نیچے میں رہے۔

- A) حضرت علی رضی اللہ عنہ
- B) حضرت ابو بکر صدیق رضی اللہ عنہ
- C) حضرت عمر فاروق رضی اللہ عنہ
- D) حضرت عباس رضی اللہ عنہ

27) At the time of partition there were how many industries in British India of which only 34 came under the Jurisdiction of Pakistan?

- A) 621
- B) 521
- C) 721
- D) 921

28) Mahmood Ghaznavi attacked Raja Jaipal of Lahore in 1001 A.D. Battles were fought at _____ and Hund (Swabi).

- A) Mardan
- B) Peshawar
- C) Malakand
- D) Swat

29) The National Assembly and all the Provincial Assemblies are elected for a period of:

- A) Three years
- B) Five years
- C) Seven years
- D) Four years

30) The types of nucleotides present in a DNA molecule are:

- A) 3
- B) 4
- C) 5
- D) 6

31) Brass is an alloy of:

- A) Zinc and iron
- B) Zinc and copper
- C) Copper and gold
- D) Zinc and gold

32) The atmosphere is made up of:

- A) Two layers
- B) Four layers
- C) Five layers
- D) Seven layers

33) Recreational purposes of water include:

- A) Swimming
- B) Rafting
- C) Boating
- D) All of the above

34) Which one of the following is not a form of energy?

- A) Lamp
- B) Sound
- C) Light
- D) Heat

35) The example of Non-Luminous object include:

- A) Bulb
- B) Sun
- C) Moon
- D) None of the above

36) The speed at which a space craft escapes the earth's gravity completely is called as:

- A) Uniform velocity
- B) Terminal velocity
- C) Instantaneous velocity
- D) Escape velocity

37) Which one of the following is not a bacterial disease?

- A) Pneumonia
- B) Tuberculosis
- C) Hepatitis
- D) Either (A) or (B)

38) درج ذیل میں سے کون سا باکٹریا کی بیماری ہے؟

- A) پھیپھڑوں کی بیماری
- B) سل
- C) جیٹ
- D) کوئی ایک یا دونوں

39) Find the greatest capacity of a measuring jar that can exactly measure the quantities: 165 liters, 175 liters and 200 liters.

- A) 5 liters
- B) 6 liters
- C) 7 liters
- D) 8 liters

40) In the ratio $a : b$, a is called _____.

- A) Domain
- B) Consequent
- C) Range
- D) Antecedent

41) Pie graph is divided into

- A) Sectors
- B) Segments
- C) Chords
- D) Secants

42) $A = \begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix}$ is _____ matrix.

- A) Null
- B) Diagonal
- C) Identity
- D) Scalar

43) Set of integers is a subset of _____.

- A) Natural numbers
- B) Whole numbers
- C) Irrational numbers
- D) Rational numbers

44) The greatest value of a class interval is called the _____.

- A) Upper class limit
- B) Lower class limit
- C) Class width
- D) Class frequency

45) A part or portion of the circumference of a circle is called _____.

- A) Radius
- B) Chord
- C) Diameter
- D) Arc

46) Which equation is not equivalent to $b - 15 = 322$?

- A) $b + 5 = 52$
- B) $b - 20 = 27$
- C) $b - 13 = 30$
- D) $b = 47$

$$\begin{array}{r} b - 15 = 322 \\ + 15 \quad + 15 \\ \hline b = 337 \end{array}$$

47) _____ bubbles tell us about thoughts or words of characters.

- A) Speech
- B) Small
- C) Cry
- D) Empty

48) I am from Peshawar.

[Identify the underlined verb]

- A) Auxiliary verb
- B) Main verb
- C) Modal verb
- D) None of the above

49) The butcher has cleaned the windows.

[Change the voice]

- A) The windows has been cleaned by the butcher.
- B) The windows have been cleaned by the butcher.
- C) The windows have cleaned by the butcher.
- D) The windows had been cleaned by the butcher.

50) Identify the reflexive pronouns.

- A) Their, mine, her, yours
- B) Herself, itself, myself
- C) Write, fool, train
- D) Car, van, bus, page

- A) Essay
B) Poem
C) Story
D) Letter

152 "نورس" سے کیا مراد ہے۔

A) آواز سے

B) نسبت قدموں

C) آتش سانس سے

D) تم گیسے دھماکے سے

153 دوسرے کی قربت کا مقصد _____ ہے جبکہ مجھ انتہائی کی دُعا اور محبت کی

خاطر چاہی اور وہی اور قدم تر خواہشات قربان کر کے کا نام ہے۔

A) بھرت، دیاں کا احساس

B) عشق و پناہ کی اورائی

C) تپائی کا حصول

D) آخرت کا احساس

154 ان لفظوں نے سیاست سے گہرا دلچسپی ہو کر:

A) قہم و حوریں کو اپنا مقابلہ بنایا

B) طب کا شعبہ اختیار کیا

C) روپوشی اختیار کی

D) جہاد شروع کی

55) In 1997 Pakistan and Iran, joined by _____ other developing countries formed the D-8?

- A) Three
B) Six
C) Four
D) Five

56) Which country has offered its military and police services to the UN for its peace keeping missions in various conflicts zones all over the world?

- A) Japan
B) India
C) Turkey
D) Pakistan

57) Who wrote to England, "My present policy is based on mercy without any weakness, it will not affect the government supremacy?"

- A) Lord Mayo
B) Lord Lawrence
C) Lord Northbrook
D) Lord Canning

58) Chemical changes are those changes in which:

- A) No new substance is formed
B) Are mostly reversible
C) New substance is formed
D) Chemical properties remain unchanged

59) The heat evolved or absorbed during a chemical reaction is known as:

- A) Exothermic
B) Endothermic
C) Heat of reaction

- B) Heat giving material
C) Endothermic
D) Along curved path

61) The north pole of the magnet is usually coated:

- A) Black
B) Blue
C) Red
D) Green

62) Identify part of speech of the word, "frequent".

- A) Verb
B) Adjective
C) Pronoun
D) Both (A) & (B)

63) You ____ (make) beautiful painting. [Choose the correct form of present perfect tense]

- A) You made beautiful painting.
B) You have made beautiful painting.
C) You has made beautiful painting.
D) You have make beautiful painting.

64) When the alarm rang, I turned the alarm off. [Replace the underlined word with correct pronoun]

- A) It
B) They
C) She
D) He

65) He is a smart boy.

[Choose the correct plural form of the sentence]

- A) He is smart boys.
B) They are smart boys.
C) They are smart boys.
D) They are smart boy.

66) All the students in my class are taking the same test at the same time.

[Identify the underlined word]

- A) Compound noun
B) Pronoun
C) Collective noun
D) Adjective

67) Someone has removed the grammar book, and I want him to return it.

[Identify the antecedent]

- A) Someone
B) Book
C) I
D) Him

68) In the line "life is broken-winged bird" the poet uses a technique of.

- A) Simile
B) Personification
C) Metaphor
D) Repetition

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- other



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ABDULLAH INQILABI

- 69) Choose the correct word.
- Pin
 - See
 - Route
 - Tube

70) Identify the action word in the following.

- Bat
- Above
- By
- Walk

71) I might see you tomorrow.

[Identify the underlined word]

- Modal verb
- Main verb
- Semi-modal verb
- None of the above

172 درج ذیل میں سے کس فعل کو حضورؐ نے اپنی امت کا مفلس ترین شخص قرار دیا۔

- مکدونی کرنے والے کو
- مقوق العباد کی خدمت اور ان کی کرنے والے کو
- مقوق اللہ کی خدمت اور ان کی کرنے والے کو
- والدین کی نافرمانی کرنے والے کو

173 حضورؐ کا ارشاد ہے کہ جو کسی مریض کی میادت کرتا وہ جنت کے

_____ میں رہتا ہے یہاں تک کہ وہ اپنی موت تک۔

- مغلی
- میں و زار
- الحی و متام
- مہمان خانہ

74) A rectangular array of real numbers enclosed in square brackets is called _____.

- Set
- Matrix
- Class
- Group

75) $\forall a, b, c \in \mathbb{R}, a = b \text{ and } b = c \Rightarrow a = c$, the name of the property is:

- Reflexive property
- Transitive property
- Trichotomy property
- Symmetric property

76) $5\sqrt{3} + \sqrt{12} =$ _____.

- $7\sqrt{3}$
- $5\sqrt{15}$
- $5\sqrt{36}$
- $7\sqrt{5}$

77) We should read another story book.

[Identify the modal auxiliary verb in the sentence]

- Read
- Should
- Another
- Story

[Describe the underlined verb]

- Transitive
- Intransitive
- Both Transitive & Intransitive
- None of the above

79) Choose the sentence that has a transitive verb.

- I jog in the morning.
- I watched a movie.
- The child gurgles.
- She sobs at night.

80) Identify the pair of homophones from the following.

- Star, store
- Pray, prey
- Leave, line
- Ear, fear

81) Choose the correct gender for the noun, "flower".

- Masculine
- Feminine
- Neuter
- None of the above

102 جنت میں جہنم سے بڑا کرشمہ ہے اور اس کے ساتھ کیا سلوک کیا گیا؟

- موت کر دیا گیا
- قید کر دیا گیا
- قدیر لے کر پہنچا دیا گیا
- اس کا سر قلم کر دیا گیا

83) Dialysis is a medical treatment used for:

- Renal failure
- Respiratory failure
- Nervous failure
- Heart failure

84) Identify non-heritable characters from the following:

- Eye color
- Height
- Lost organ
- Detached ear lobes

85) What are the disadvantages of circle shape arrangement in classroom?

- Give less focus on the class as a group
- Some students cannot see the blackboard
- The students have minimum interaction with their peers
- Discourages the students to get involved in the class activities

- 86) Classroom management focus on three major components.
- Content management, conduct management, and convenient management
 - Learning goals, routine management, classroom rules and social expectations
 - Correction, encouragement, and discipline
 - Consistency, discipline, and time management

87) سرسٹ موہانی کا اصل نام کیا تھا؟

- جامبرادین
- ابو الحسن
- محمد شاہ
- فضل الحسن

88) دونوں ذیل شعر کے لیے درست تفسیر کا انتخاب کریں۔

کتا ہے بد نصیب ظفر و فی کے لیے دو گرز میں بھی نہ ملی

- ہندوستان میں
- افریقا میں
- دلی یا دہلی میں
- کوسٹیا میں

89) قواد کی رو سے "افسی مذاق" کون سے اقوال ہیں؟

- خود کو چار
- مربک القاد
- مہمل القاد
- مستزاد القاد

90) What number is 25% of 150?

- 37.5
- 35.5
- 33.5
- 30.5

91) The coefficient of x^2 is _____.

- 0
- 1
- 2
- x

92) When a magnetic compass is placed on a ground to find the direction its needle will stay along:

- East-west direction
- North-south direction
- East-north direction
- North-west direction

93) Which type of development of the following statement is?

The person's anxiety while taking a test.

- Physical development
- Cognitive development
- Personality development

194) دو ذیل میں سے درست جملے کا انتخاب کریں۔

-
-
-
-

195) دو ذیل میں سے درست جملے کا انتخاب کریں۔

-
-
-
-

196) "ہوش و حواس" کس طرح کے اقوال ہیں؟

-
-
-
-

97) The cube root of 3375 is:

- 13
- 15
- 17
- 19

98) The angle in a segment less than a semi-circle is _____ a right angle.

- Equal to
- Greater than
- Less than
- None of the above

99) $3.12 \div 2.6 =$ _____

- 0.2
- 1.2
- 1.5
- 1.8

100) 40 books weigh 88kg. What is the weight of 6 such books?

- 10.5kg
- 11.8kg
- 13.2kg
- 14.4kg

THE END

A

SCREENING TEST FOR RECRUITMENT OF PRIMARY SCHOOL TEACHER
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____

NAME: _____

ANSWER SHEET SERIAL NO. _____

SIGNATURE: _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) We stayed in a hotel.
[Identify the underlined gender noun:]
 A) Neuter
 B) Masculine
 C) Feminine
 D) Common
- 2) A noun or pronoun for whom or to whom the action is directed is known as.
 A) Subject
 B) Direct object
 C) Indirect object
 D) None of the above
- 3) A conversation between two or more people is called:
 A) Speech
 B) Lecture
 C) Noise
 D) Dialogue
- 4) Select the word that begins with consonant cluster.
 A) Huge
 B) Spring
 C) Title
 D) Line
- 5) A/An ___ is added to the base form of word to change its meaning.
 A) Suffix
 B) Prefix
 C) Affix
 D) None of the above
- 6) What percentage of the total natural gas consumption in the country goes into the manufacture of fertilizers?
 A) 37
 B) 24
 C) 29
 D) 33
- 7) What does the unjust distribution of wealth means?
 A) Rich become Richer
 B) Poor become poor
 C) Poor become poor and rich become richer
 D) Poor become the part of middle class

- 8) Where is Sulphur widely used in chemical industries?

- A) In manufacture of medicine
- B) In manufacture of explosive
- C) In manufacture of soup
- D) In manufacture of tobacco

9) 26 ذائقہ مند دس دس بھری کو جب حضور نے غسل فرما کر چادر اور تہ بند باندھی اور نماز ٹکیر کے بعد مدینہ منورہ سے پام لگا، تو کہاں رات گزاری؟

(A) ذوالنہیہ

(B) عرفات

(C) منی

(D) مزدلفہ

10) فرود مشین کے موقع پر کون اپنے سپاہیوں کو ملے کر غائب خانہ میں جا ملے؟

(A) عثمان ابن طلحہ

(B) مالک بن عوف

(C) عبدالرحمن بن مالک

(D) عباس ابن طلحہ

11) قرآن حکیم میں ہے کہ دشمن کے بندے جب خرچ کرتے ہیں تو _____ اور نہ بخل سے کام لیتے ہیں بلکہ میاں دہی اختیار کرتے ہیں۔

(A) ترک دنیا نہیں کرتے

(B) اسراف نہیں کرتے

(C) انزلا نہیں کرتے

(D) دکھاوا نہیں کرتے

- 12) _____ occurs when teachers use evidence of students learning to make judgments on student achievements against goals and standards.

- A) Assessment for learning
- B) Assessment from learning
- C) Assessment as learning
- D) Assessment of learning

- 13) Formative assessment generates timely student achievement information to evaluate:

- A) Instructional effectiveness
- B) What's student did or did not learn
- C) What student can or cannot do
- D) What student wants to do

114) "اگر مرد کسی شاعر کو کہتا ہے؟"

(A) مرزا محمد سرحدی

(B) نثار سرحدی

(C) امیر آزاد

(D) فوت سرحدی

115) مرزا رفعت اللہ بیک کی وہ شہرت اُن کے _____ ہیں۔

(A) افسانے

(B) اُردو

(C) مزاحیہ مضامین

(D) ناول

116) "مرد کی جس سے نئے الفاظ اور اسطلاحیں نکلتی ہیں۔" کہا ہے۔

(A) مرکب مطلق

(B) مرکب ناقص

(C) مرکب تام

(D) مرکب تہسلی

17) _____ is the repetitive bonding of small molecules to produce large molecules.

(A) Polymerization

(B) Potential difference

(C) Polymorphism

(D) Neutralization

18) What is the process of splitting the nucleus of an atom into smaller units?

(A) Fusion

(B) Dillusion

(C) Fission

(D) Diffusion

19) A positively charged ion in a compound is called:

(A) Cation

(B) Anion

(C) Neutral ion

(D) All of the above

20) Which of the following galaxies have no definite shape?

(A) Elliptical galaxies

(B) Spiral galaxies

(C) Irregular galaxies

(D) None of the above

21) Our sun was formed in a cloud of gas and dust about:

(A) 5.9 billion years ago

(B) 4.5 billion years ago

(C) 4.1 billion years ago

(D) 3.9 billion years ago

22) A chord is 3cm from the center of a circle of radius 5cm. The length of the chord is:

(A) 8cm

(B) 6cm

(C) 4cm

(D) 2cm

23) $\tan \theta + \cot \theta =$ _____.

(A) $\sec \theta$

(B) $\operatorname{cosec} \theta$

(C) $\sec \theta \operatorname{cosec} \theta$

(D) $1 + \sec^2 \theta$

24) Find θ when $t = 9.2 \text{ cm}$ and $r = 1.5 \text{ cm}$.

(A) 5 radians

(B) 6 radians

(C) 9 radians

(D) 15 radians

25) Sum of the roots of equation $x^2 - 3x - 4 = 0$ is:

(A) 3

(B) -3

(C) 4

(D) -4

26) Writing a number as the sum of the place value of its digits is called _____.

(A) Closed form

(B) Open form

(C) Expanded form

(D) Standard form

27) Identify the word to which prefix is added.

(A) Spotless

(B) Dislike

(C) Logical

(D) Happiness

28) Asad's camera.

[Name the punctuation used for possession:]

(A) Apostrophe

(B) Comma

(C) Period

(D) Semi Colon

29) Ralph Waldo Emerson is the writer of.

(A) A Nation's Weakness

(B) A Nation's Strength

(C) A Nation's Slogan

(D) A Nation's Loyalty

30) In a poem the words "gold, old, bold" are _____ words.

(A) Rhyming

(B) Matching

(C) Similar

(D) Synonym

31) It was an idyllic day.

[Identify the meaning of the underlined word:]

(A) Peaceful

(B) Disturbing

(C) Full of noise

(D) Irritating

32) General Zia ul Haq ruled Pakistan from:-

(A) 1975 to 1986

(B) 1976 to 1987

(C) 1977 to 1988

(D) 1978 to 1989

33) Who enforced the Basic Democracies System in October, 1959 to introduce a new Political System in the Country?

(A) Iskandar Mirza

(B) Ayub Khan

(C) Khwaja Nazim Ud Din

(D) Muhammad Ali Bogra

34) The Hindu society divided into four different castes, with regard to their:

- A) Religion
- B) Tribe
- C) Professions
- D) Qualification

C is correct

135) حدیث کی رو سے "ہم" کس کے دل میں قرآن کا کلمہ ہمہ یات ہو

_____ کی طرف ہے۔

(A) ان ہستی

(B) ان مگر

(C) ان سوا

(D) ان کے

136) "اورانی آوازیت" رکوع درج ذیل میں سے درست تہاب کا انتخاب کریں؟

(A) آیت ہے

(B) حدیث ہے

(C) مانوس ہے

(D) حدیث قدسی ہے

37) و جبری کو کونسی عبادت فرض ہوئی؟

(A) نماز

(B) روزہ

(C) زکوٰۃ

(D) حج

38) _____ usually compares the student's learning either with other student's learning on the standard for a grade level.

- A) Assessment for learning
- B) Formative assessment
- C) Summative assessment
- D) Descriptive assessment

39) According to Surgenor summarized the role of assessment in learning as following points except:

- A) It fulfills student's expectations
- B) Capturing teacher time and attention
- C) It indicates readiness for progression
- D) Assessments enables grading and degree classification

40) _____ کے والد کو انگریزوں نے موت کی سزا دی۔

(A) شبلی نعمانی

(B) سر سید احمد خان

(C) محمد حسین برکات

(D) ایاز حسین حالی

41) _____ نے اردو نثر کو مقاصد کے اصول کا زریعہ بنایا۔

(A) فیض

(B) شبلی

(C) حالی

(D) سر سید

42) منوجہ دور مانے میں ہم سب بھائی بھائی تو ہیں مگر _____

(A) دشمن

(B) برابر انسان ہیں

(C) غم کی

(D) برابر انسان ہوئی

43) One kilowatt hour is the energy:

- A) 10800000 joule
- B) 8000000 joule
- C) 7200000 joule
- D) 3600000 joule

44) Geo stationary satellites keep pace with the earth and complete one orbit in:

- A) Two days
- B) One day
- C) Three days
- D) Six days

45) Which living thing was sent by Soviet Union in space on 3rd Nov, 1957:

- A) Rat
- B) Monkey
- C) Duck
- D) Dog

46) The word "atom" is derived from Greek word:

- A) Atamos
- B) Atomos
- C) Atomis
- D) Atomes

47) Solubility of a solute depends upon:

- A) The quantity of solvent
- B) The quantity of solute
- C) The temperature of the solution
- D) All of the above

48) There are 243 rows of apple trees in a farm. If each row has 21 apple trees, find the total trees in the farm.

- A) 5093
- B) 5013
- C) 4093
- D) None of the above

49) Faraz read 49.5 pages of a book in 11 hours. Find the number of pages he read in 1 hour.

- A) 4.2
- B) 4.3
- C) 4.4
- D) 4.5

50) Which of these is straight angle?

- A) 75°
- B) 215°
- C) 180°
- D) 90°

51) 0.6mm = _____

- A) 0.06cm
- B) 6cm
- C) 6.6cm
- D) 60cm

52) Solve $9 - 3x = 12$, for x.

- A) 1
- B) -1
- C) 3
- D) -3

- 53) I am playing football.
[Identify the underlined word:]
A) Model verb
B) Main verb
C) Auxiliary verb
D) Irregular verb
- 54) "And the garden is changing its clothes"
which figurative device is used in the line?
A) Alliteration
B) Metaphor
C) Personification
D) Simile
- 55) The word, "crocus" means
A) A kind of fish
B) A kind of stone
C) A kind of cake
D) A kind of flower
- 56) Choose the correct minimal pair in the following.
A) Pin and Bin
B) Truck and Bus
C) Root and Door
D) Page and Book
- 57) You ought to come early.
[Identify the modal verb in the sentence:]
A) Ought to
B) Come
C) To
D) None of the above
- 58) The word "Aryan" means:
A) Ugly people
B) Political people
C) Beautiful people
D) Historical people
- 59) The General election of 1945-46 were held in:
A) 10 Provinces
B) 11 Provinces
C) 12 Provinces
D) 14 Provinces
- 60) According to fourteen Points residuary Power should be vested:
A) In the Center
B) In the Provinces
C) In the Viceroy
D) In the Secretary of State for India

61) سوال سے پہلے مندرجہ ذیل کے ساتھ نفس مالوک کی وصیت کی تھی؟

- A) انسار
B) مہاجرین
C) اہل مکہ
D) اہل طائف

62) خزانہ تہذیب میں مسلمان خواتین نے کس طرح مدد کی؟

- A) اپنی ساری جمع پونجی پیش کی
B) اپنے زیرِ راند کر پیش کی
C) اپنے بچوں کو پیش کیا
D) خود ہنگام میں شریک ہوئیں

63) 1187ء کو جنگ طبریاں میں کتنے یروشلمی ہلاک ہوئے؟

- A) تین ہزار
B) پچیس ہزار
C) تیس ہزار
D) پچاس ہزار

64) Classroom assessment is _____ because teachers use it to find out learner's strengths and weakness during the in-progress class instruction.

- A) diagnostic
B) necessary
C) effective
D) unlimited

65) جملہ ۱۔ ۱۰ کے قائل کو مہندہ اور صفت کو _____ کہتے ہیں۔

- A) خبر
B) سند
C) مندرجہ
D) قائل

66) کوئی یہ لٹی سی د لٹی ہے۔
دشت کو بچے کے کمریاں آیا۔ کس کا شعر ہے؟

- A) آتش
B) میر
C) غالب
D) دکن

67) میں شاعر اپنا تخلص استعمال کرتا ہے۔

- A) مقلع
B) مقلع
C) حسن مقلع
D) بیت

68) Plants require a number of soil nutrients like nitrogen, Phosphorus:

- A) Potassium
B) Chlorine
C) Manganese
D) All of the above

69) An owl ear can hear a sound only if its frequency lies between:

- A) 20-20,000 Hz
B) 20-3000 Hz
C) 45-64,000 Hz
D) 200-12,000 Hz

70) The solar heat energy reaching the earth each year is more than:

- A) 1000 times than the world's energy need
B) 10000 times than the world's energy need
C) 20000 times than the world's energy need
D) 15000 times than the world's energy need

71) The ureter is a tube that carries urine to the

- A) Urinary bladder
- B) Urethra
- C) Pelvis
- D) Renal tubule

72) The breakdown of proteins produced which of the following waste product?

- A) Ammonia
- B) Urea
- C) Uric acid
- D) All of the above

73) If $42 \div 6 = 7$, then the divisor is:

- A) 0
- B) 6
- C) 42
- D) 7

74) Every number has at least _____ factors.

- A) 1
- B) 2
- C) 3
- D) Infinite

75) Which of the following number is divisible by 4?

- A) 538
- B) 7230
- C) 9128
- D) 1046

76) $|-4| =$

- A) 4
- B) -4
- C) ± 4
- D) All of the above

77) () is:

- A) Parenthesis
- B) Curved brackets
- C) Circled bracket
- D) All of the above

78) "And silent sank and soared to sing."

[Identify the literary device used in the line:]

- A) Simile
- B) Metaphor
- C) Alliteration
- D) Personification

79) Choose the correct number of syllables in "Television"

- A) 3
- B) 4
- C) 2
- D) 5

80) Identify the possessive pronouns.

- A) His, her, ours, mine
- B) Go, eat, drink
- C) Bat, ball, pitch
- D) I, we, he

81) You are my sunshine!

[Which figurative device is used?]

- A) Simile
- B) Metaphor
- C) Alliteration
- D) Personification

82) _____ is re-writing a poem's stanza into prose shape.

- A) Paraphrase
- B) Paragraph
- C) Article
- D) Speech

83) In which year Russia attacked Afghanistan.

- A) 1981
- B) 1980
- C) 1977
- D) 1979

84) "جشنوا" کا معنی کیا ہے؟

- A) دو سال کو جو جائے
- B) دو تیار ہو جاتے ہیں
- C) اس نے تائید کی
- D) دو تھکا نہیں سکتے

85) "انجم و شہنا" قواعد کی رو سے کون سا مرکب ہے؟

- A) مرکب توصیفی
- B) مرکب مطلق
- C) مرکب ہجری
- D) مرکب انسانی

86) Chromosomes, gene and _____ are the basis of heredity.

- A) Nucleotide
- B) Nucleoside
- C) Nucleosome
- D) DNA

87) The colour of methyl orange in Alkali is:

- A) Red
- B) Blue
- C) Deep blue
- D) Yellow

88) Electric fire alarm works on the principle of:

- A) Contraction
- B) Heat transfer
- C) Expansion
- D) Conduction

89) The distance between the focal point and optical centre is called _____.

- A) Focal length
- B) Optical centre
- C) Principal axis
- D) Principal focus

90) The electrolyte used in dry cell is a paste of:

- A) Ammonium hydroxide
- B) Ammonium chloride
- C) Ammonium bromide
- D) Hydrogen chloride

91) $2 \times 2 + 2 \div 2 =$ _____

- A) 2
- B) 3
- C) 4
- D) 5

92) Junaid has Rs.600. He gave one-fourth to Awaiz and half of the remaining to Hamza. How much amount is left with him?

- A) Rs.50
- B) Rs.125
- C) Rs.200
- D) Rs.225

93) The ratio of 3 feet to 16 inches as a fraction in simplest form can be written as:

- A) $\frac{3}{2}$
- B) $\frac{2}{7}$
- C) $\frac{9}{4}$
- D) $\frac{1}{16}$

94) Find the value of x such that the proportion $x : 12 :: 3 : 4$ is true.

- A) 3
- B) 4
- C) 9
- D) 12

95) $x < 3$ is:

- A) True sentence
- B) False sentence
- C) Open sentence
- D) Closed sentence

96) We should not waste our time watching TV. [Identify the helping verb in the sentence:]

- A) Waste
- B) Watching
- C) We
- D) Should

97) He wanted to read that book. [Identify the underlined phrase:]

- A) Main verb
- B) Modal verb
- C) Linking verb
- D) Infinitive

98) "Continuous as the stars that shine" [This line is taken from the poem _____:]

- A) The Daffodils
- B) Hope is the Thing with Feathers
- C) Abou Ben Adhem
- D) The Nightingale

99) I ran the obstacle course in record time. [Change the voice:]

- A) The obstacle course has run by me in record time.
- B) The obstacle course is run by me in record time.
- C) The obstacle course was run by me in record time.
- D) The obstacle course had run by me in record time.

100) He said, "What can I do for you?" [Change the narration:]

- A) He asked what he could do for me.
- B) He asked what he can do for me.
- C) He asked what he would do for me.
- D) He asked what he should do for me.

THE END

Admin: Kamran Zeb

D

SCREENING TEST FOR RECRUITMENT OF CERTIFIED TEACHER (CT)
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) The big bang occurred about _____ billion years ago.
 A) 15
 B) 05
 C) 10
 D) 20
- 2) The speed of sound in iron or steel (at 20 °C) is _____.
 A) 322 m/s
 B) 3962 m/s
 C) 1570 m/s
 D) 5130 m/s
- 3) The primary colours of light are _____.
 A) Red, Green, Orange
 B) Green, Blue, Orange
 C) Red, Blue, Green
 D) Yellow, Red, Green
- 4) The purpose of _____ is to increase the likelihood that children will engage in appropriate behavior.
 A) Money
 B) Education
 C) Correction
 D) Positive feedback
- 5) For teaching science, which method is more effective?
 A) Lecture method
 B) Discussion method
 C) Project method
 D) Demonstration
- 6) My father said to me "I fear that you have caught a cold again."
 [Choose the correct indirect speech:]
 A) My father told me that he fears that I had caught a cold again.
 B) My father told me that he feared that I have caught a cold again.
 C) My father told me that he feared that I had been caught a cold again.
 D) My father told me that he feared that I had caught a cold again.
- 7) You shouldn't believe everything that you read in the newspaper.
 [The underlined part of a sentence is?]
 A) Adjective clause
 B) Noun clause
 C) Main clause
 D) Gerund
- 8) The word "Tedious" is antonym to _____.
 A) Pleasant
 B) Lovely
 C) Lively
 D) Gay
- 9) He _____ at the top of his voice.
 [Choose the correct option:]
 A) is crying
 B) will crying
 C) cry
 D) have been crying
- 10) Sales price of a sewing machine is Rs.4248. (including 16.5% GST). What will be its price without GST?
 A) Rs.3535.46
 B) Rs.3646.35
 C) Rs.2734.13
 D) Rs.2944.32
- 11) Solve $2(b - 3) + 5 = 3(b - 1)$
 A) -2
 B) 2
 C) -3
 D) 3
- 12) Solution set of $2x^2 + 2x - 11 = 1$ is
 A) $\{-3, -2\}$
 B) $\{1, -3\}$
 C) $\{-3, 2\}$
 D) $\{-1, 2\}$
- 13) If y varies directly to x and y = 27 when x = 3. Find y when x = 11
 A) 99
 B) 88
 C) 77
 D) 66
- 14) $(A \cup B)' =$ _____.
 A) $A' \cup B'$
 B) $A \cap B$
 C) $A' \cap B'$
 D) $(A \cap B)'$

115) نیک آوی، ہڈی، دانت، گرائمر کی رو سے کون سا مرکب ہے؟

- (A) مرکب انسانی
(B) مرکب مٹلی
(C) مرکب دھبیلی
(D) مرکب اٹاری

16) The oceans contain about _____ percent of the total water of earth.

- A) 60
B) 80
C) 90
D) 97

17) The animals which feeds on plants are called _____

- A) Producers
B) Primary consumers
C) Secondary consumers
D) Decomposers

18) The female reproductive part of the flower is called _____

- A) Sepals
B) Petals
C) Carpel
D) Stamen

19) The digested food is mainly absorbed into the blood from _____

- A) Mouth
B) Stomach
C) Large intestine
D) Small intestine

20) There was nothing casual about my father's interest.

[Choose the correct meaning of the underlined word:]

- A) Incidental
B) Ordinary
C) Funny
D) Accidental

21) The moon smiled at the star at night.
[The given sentence is the example of:]

- A) Alliteration
B) Metaphor
C) Personification
D) Imagery

22) _____ spring arrives we have to be prepared for more snow.

[Choose the correct conjunction:]

- A) Because
B) Until
C) Although
D) Now that

23) The terrible gale blew down many a tall tree.

[Choose the correct meaning of the underlined phrase:]

- A) To throw down
B) To strike
C) To explode
D) To disperse

24) I will clean the house every Saturday.

[Choose the correct passive voice:]

- A) The house would be cleaned by me every Saturday.
B) The house will be cleaned by me every Saturday.
C) The house will be cleaning by me every Saturday.
D) The house will have been cleaned by me every Saturday.

125) رانک کے موقع پر شریک داخل ہونے والے دستوں میں سے صرف ایک دست

جو _____ کے طاقت قرار دیا گیا ہے اور جس میں اہل کار کو برائیاں

(A) حضرت عمرؓ اور حضرت

(B) حضرت معاویہؓ اور حضرت

(C) حضرت علیہؓ اور حضرت

(D) حضرت خالد بن ولیدؓ اور حضرت

26) HCF of $a^3 - 8b^3$ and $a^2 - 4ab + 4b^2$ is

- A) $a - 2b$
B) $a^2 + 2ab + b^2$
C) $a + 2b$
D) $(a + 2b)^2$

27) A number consist of two digits. The sum of digits is 8. If digits are interchanged, the new number becomes 36 less than the original number. The number is

- A) 71
B) 62
C) 53
D) 44

28) Solve for x, $|2x| = -4$

- A) {2}
B) {-2}
C) {0}
D) { }

29) The line $x = 4$, parallel to

- A) $x - \text{axis}$
B) $y - \text{axis}$
C) Both $x - \text{axis}$ and $y - \text{axis}$
D) Neither parallel to $x - \text{axis}$ nor $y - \text{axis}$

130) تھیں جو پاس تو چل سہرے تھے، نہ غیر آتھے۔ اس مصرعے میں خطا کیلئے

تھیں کس شاعر کا ہے؟

(A) مومن نانا

(B) خواجہ حیدر علی

(C) سید تقی میر

(D) ن م راشد

131) مرزا اسد علی نے فرد کی کوئی اساتذہ طبع آزمائی کی ہے؟

(A) رومانی داستانوں

(B) انساؤں اور داستانوں

(C) غزل اور نظم

(D) فانی دہلوی کے تمام

33) Atmospheric pressure at Peshawar is _____ than Murree.

- A) Equal
- B) Less
- C) Greater
- D) Both (A) & (B)

34) 1 g is equal to _____

- A) 1000 kg
- B) 100 kg
- C) 1/1000 kg
- D) 1/100 kg

35) $2(-7)^2 =$ _____

- A) 98
- B) -98
- C) 28
- D) -28

36) Square root of 0.0676 is

- A) 0.026
- B) 0.26
- C) 0.016
- D) 0.16

37) A painter can paint $250m^2$ wall in 8 hours. How much time will be required to paint $3000m^2$?

- A) 96 hours
- B) 92 hours
- C) 88 hours
- D) 86 hours

38) درج ذیل میں سے درست جواب کا انتخاب کریں؟

- (A) لڑکی پڑھنا اور لکھنا
- (B) لڑکی پڑھنا اور لکھنا
- (C) لڑکی پڑھنا اور لکھنا
- (D) لڑکی پڑھنا اور لکھنا

39) انسانہ سنج اکبر - کس کا لکھا ہوا ہے؟

- (A) مولوی محمد امجد علی
- (B) مفتی محمد امجد علی
- (C) کرنل محمد امجد علی
- (D) امیر محمد امجد علی

40) تزئین و جہیز کی لکھی ہوئی عبارت کون ہے؟

- (A) پانی پڑھنا اور لکھنا
- (B) پانی پڑھنا اور لکھنا
- (C) پانی پڑھنا اور لکھنا
- (D) پانی پڑھنا اور لکھنا

41) The refractive index of diamond is _____

- A) 1.33
- B) 1.13
- C) 2.42
- D) 4.22

42) All of the following are the methods of heat transfer EXCEPT _____

- A) Conduction
- B) Condensation
- C) Radiation
- D) Convection

43) An atom with 6 protons and 6 neutrons will have mass number _____

- A) 12
- B) 6
- C) 18
- D) 24

44) Oxygen has 6 electrons in its valance shell so its valency is _____

- A) 6
- B) -2
- C) 8
- D) 18

45) The phenomenon which does not lead to global warming is _____

- A) Photosynthesis
- B) Green House effect
- C) Ozone depletion
- D) Increase of CO_2 concentration in air

46) Recommended intake of vitamins for 13-15 years boys is:

- A) I.U 4500
- B) I.U 4000
- C) I.U 5000
- D) I.U 5500

47) The formula of Pressure, $P =$ _____

- A) $F \times A$
- B) F/A
- C) A/F
- D) $F \times D$

48) Educational psychology is the branch of psychology which deals with teaching and learning and also covers the entire range and behavior of the personality is related to education.

- A) John Locke
- B) William James
- C) John Dewey
- D) Skinner

49) _____ refers to the qualitative changes in the organism as whole.

- A) Growth
- B) Puberty
- C) Development
- D) Environmental situation

50) Nowadays, pollution is rampant in all major urban centers.

[Choose the correct meaning of the underlined word:]

- A) Fashionable
- B) Chronic
- C) Uncontrolled
- D) Excessive

- 51) Surely you recognize somebody.
[The underlined word is the example of?]
A) Indefinite pronoun
B) Personal pronoun
C) Possessive pronoun
D) Demonstrative pronoun
- 52) Slow down before you get into accident.
[Which type of sentence it is?]
A) Declarative
B) Interrogative
C) Imperative
D) Negative
- 53) Removing his jacket, Saleem rushed to the swimming pool.
[The underlined part of the sentence is:]
A) Infinitive
B) Participle phrase
C) Determiner
D) Injection
- 54) He has implicated them in the conspiracy.
[Choose the meaning of the underlined word:]
A) Interested
B) Affected
C) Influenced
D) Involved

155) خزانہ حسین کے موقع پر حضور کے ساتھ بارہویہ کا ٹکڑا تھا جس میں
مہاجرین اور انصار تھے۔

- (A) پانچ ہزار
(B) آٹھ ہزار
(C) گیارہ ہزار
(D) دس ہزار

156) حضرت عائشہ رضی اللہ عنہا کی پیدائش بہت نہری کے تھے سال بعد ہوئی؟

- (A) 11 سال
(B) چار سال
(C) پانچ سال
(D) چھ سال

157) بابائے عرب کونسا کتب کیا تھا؟

- (A) طبری
(B) تاروقی
(C) متنی

(D) ان میں سے کوئی نہیں

- 58) Batoora Glacier Situated in _____ valley is about 57 Kilometers long.
A) Hunza
B) Swat
C) Kashmir
D) None of the above

- 59) The Karakorum High Mountain Peaks remain covered with snow throughout the year, in this range, there are at least _____ Glaciers.
A) 10
B) 15
C) 5
D) 20
- 60) The war of independence started from:
A) Bengal in 1857
B) Lucknow in 1857
C) Delhi in 1857
D) Banaras in 1857
- 61) The coordinates of the midpoint of a line segment with end points (3, -1) and (1, -5) is:
A) (2, -3)
B) (-1, 2)
C) (1, 3)
D) (-2, 3)
- 62) If $A = \{2, 3, 4, 5, 7\}$ and $B = \{3, 4, 7\}$, then $B \setminus A$ is:
A) $\{2, 5\}$
B) $\{3, 4, 7\}$
C) $\{1\}$
D) $\{1, 6\}$
- 63) Which of the following is not a digestive gland?
A) Adrenal gland
B) Liver
C) Pancreas
D) Stomach wall
- 64) I like the leader who listens to the people.
[Which type of sentence it is?]
A) Compound sentence
B) Complex sentence
C) Simple sentence
D) Compound complex
- 65) He said to me, "Can I do anything for you?"
[Choose the correct passive voice:]
A) He asked me if he can do something for me.
B) He asked me that he could do something for me.
C) He asked me if he could do something for me.
D) He asked me if he could do something for you.
- 66) The team are divided _____ opinion about playing on Saturday.
[Choose the correct option:]
A) in their
B) in this
C) in other
D) on this
- 67) I need to talk to her.
[Choose the correct function of the modal verb in this sentence:]
A) Command
B) Suggestion
C) Necessity
D) Prohibition

68) If I had my own car, I _____ to Narran in this hot summer.

[Choose the correct option:]

- A) will travel
- B) would travel
- C) have traveled
- D) would have traveled

ترجمہ: اگر کوئی اپنی گاڑی رکھتا ہے، یہ ہفت روزہ آپ سے مل کر رہے ہوں گے۔
ذیل میں سے درست جواب کا انتخاب کریں۔

- (A) سفر کا تجربہ
- (B) آیت کا تجربہ
- (C) سفر کا تجربہ
- (D) حضرت علیؓ کو ملنے کا تجربہ

70) درج ذیل میں سے صحیح لفظ چناؤ: "اگر میں اپنا گاڑی رکھتا ہوں تو..."

- (A) اسے گاڑی میں تیری سی عبادت کرتے ہیں اور ہم کو معاف کر دیں۔
- (B) اسے گاڑی میں تیری سی عبادت کرتے ہیں اور تمہاری سی سے مدد مانگتے ہیں۔
- (C) اسے گاڑی میں کوسیدھا راستہ دکھاؤ، ہم تیری سی عبادت کرتے ہیں۔
- (D) اسے گاڑی میں تیری سی عبادت کرتے ہیں اور ہم کو گمراہی سے بچاؤ۔

71) In 1848, British entered Punjab and annexed Punjab into the British control after defeating the:

- A) Muslims
- B) Hindus
- C) Sikhs
- D) Portuguese

72) The famous Lake "Hamoon Mashkhel" is present in Baluchistan Plateau, it is the lake of:

- A) Salt water
- B) Fresh water
- C) Hard water
- D) Thick water

73) Forests are only on _____ of the total area of Pakistan.

- A) 6.3%
- B) 4.8%
- C) 3.6%
- D) 8.4%

74) 7.5mm = _____

- A) 75m
- B) 750m
- C) 0.075m
- D) 0.0075m

75) Give us a call when you get back from your trip.

[The underlined part of the sentence is?]

- A) Noun phrase
- B) Relative clause
- C) Adverb clause
- D) Adjective phrase

176) جب کوئی کام غلط اور تھریلا سے بن کر کیا جاتا ہے، اسے کیا کہتے ہیں؟

- (A) مہارت
- (B) صلاحیت
- (C) مہارت
- (D) اسرار

177) حضرت ابوہریرہؓ کی پانی؟

- (A) پانی پانی
- (B) گھاس پانی
- (C) حمارت
- (D) مگس پانی

178) گیس مہارت کے بارے میں صحیح کیا ہے کہ یہ فضا اور زمین کے ماحول سے روکتی ہے؟

- (A) ماحول
- (B) زمین
- (C) فضا
- (D) فضا

79) The constant movement of ocean water regularly in a specific direction is known as:

- A) Tide
- B) Currents
- C) Wave
- D) Ridges

80) After independence the Father of the Nation, Quaid e Azam Muhammad Ali Jinnah, served for _____ and died on 11th September 1948.

- A) Two years and 10 days
- B) One year and 25 days
- C) One year and 3 days
- D) One year and 20 days

81) The Britishers cruelly and inhumanly killed those who took part in the war (war of independence), 100 Indians were killed to avenge _____ British soldier/s.

- A) Ten
- B) Five
- C) Single
- D) Twenty

82) For what value of k, $x^2 - kx + 3$ will be exactly divisible by $x - 1$.

- A) 1
- B) 2
- C) 3
- D) 4

83) The maximum number of electrons in L orbit are _____

- A) 2
- B) 8
- C) 18
- D) 32

84) The key characteristics of _____ design is that the students never have their backs to one another and all students have a clear and impeded view of the central stage area of the classroom.

- A) Horseshoe disk
- B) Workstations
- C) Table rows layout
- D) Table groups layout

85) That story is music to my ear.

[The given sentence is the example of?]

- A) Metaphor
- B) Simile
- C) Personification
- D) Rhythm

86) Choose the correct sentence:

- A) I assured him for my sincere help.
- B) I assured him of my sincere help.
- C) I assured him of my sincerely help.
- D) I assure him to my sincere help.

87) Can you see that blue car?

[The underlined word is the example of?]

- A) Demonstrative adjective
- B) Indefinite adjective
- C) Possessive adjective
- D) Numeral adjective

88) He is totally opposed _____ any change in the existing law.

[Choose the correct preposition:]

- A) for
- B) in
- C) to
- D) from

89) As silent as the _____

[Complete the idiomatic comparison:]

- A) Grave
- B) Rug
- C) Mule
- D) Stars

90) عبارت عربی زبان کے لفظ "مہد" سے نکالے گئے معنی ہیں۔

- A) بندگی
- B) اطاعت اور قبول
- C) ملازمت
- D) اُپر دیکھے گئے تمام

91) Haji Shariat Ullah was the founder of:

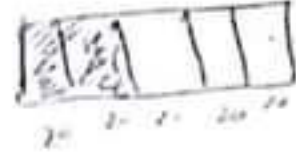
- A) Tehrik E Jihad
- B) Tehrik E Ali Garh
- C) Faraizi Tehrik
- D) Reshmi Romal Tehrik

92) A car covered 30m distance in 5sec. the speed of the car is

- A) 6 m/s
- B) 35 m/s
- C) 150 m/s
- D) None of the above

93) $\frac{2}{5} =$ _____

- A) 10%
- B) 15%
- C) 25%
- D) 30%



94) HCF and LCM of two numbers are 2 and 24 respectively. If one number is 6, the other number is

- A) 4
- B) 8
- C) 12
- D) 16

95) Factors of $10y^2 - 3y - 1$ are

- A) $(2y + 1)(5y - 1)$
- B) $(2y - 1)(5y - 1)$
- C) $(2y - 1)(5y + 1)$
- D) $(2y + 1)(5y + 1)$

96) نظم "برسات کی بھاری دھڑکی" میں کبھی کبھی ہے؟

- A) شہت
- B) مسرت
- C) غم
- D) حزن

97) "میرزا" کے قلم کے تحت لکھی گئی کتاب ہے، قاعدہ کی روشنی میں

گنبد، لکھا گیا ہے؟

- A) استاد
- B) مجاز مرسل
- C) تشبیہ
- D) محاورہ

98) "کون" کی معنی کیا ہے؟

- A) شخص
- B) طرف
- C) قوت
- D) گون

99) Which of the following is not a part of hind brain?

- A) Cerebellum
- B) Pons
- C) Medulla oblongata
- D) Thalamus

100) Elephant has _____ pairs of chromosomes.

- A) 23
- B) 28
- C) 36
- D) 48

THE END

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL MARKS: 100

TOTAL TIME: 90 MINUTES

- 1) The human brain is enclosed in bony case called:
A) Cerebrum
B) Cranium
C) Parietal Lobe
D) Temporal Lobe
- 2) Neurons transmits messages in the form of:
A) Mechanical Waves
B) Electromagnetic Waves
C) Electrochemical Waves
D) All of the above
- 3) We bought a house which is very old.
[The underlined part of a sentence is?]
A) Noun phrase
B) Relative clause
C) Adverb clause
D) Main clause
- 4) The word 'Embrace' is antonym to ____
A) Suspect
B) Harm
C) Reject
D) Hurt
- 5) It _____ 20 years since he played football.
[Choose the correct form of verb]
A) will been
B) should be
C) were
D) has been
- 6) The word 'Distinction' means:
A) Degree
B) Difference
C) Diffusion
D) Disagreement
- 7) We found it under a blanket of sand.
[The given sentence is the example of?]
A) Metaphor
B) Simile
C) Personification
D) Rhythm

18) "کتاب" کے لیے کیا معنی ہیں؟

- A) تہیہ
- B) تصویر
- C) کتابچہ
- D) مات یا طریقہ

- 19) "کتاب" کے لیے کیا معنی ہیں؟
A) تہیہ
B) تصویر
C) کتابچہ
D) مات یا طریقہ
- 20) "کتاب" کے لیے کیا معنی ہیں؟
A) تہیہ
B) تصویر
C) کتابچہ
D) مات یا طریقہ
- 21) The story is too fantastic to be credible.
[Choose the correct meaning of the underlined word.]
A) Praiseworthy
B) Readable
C) Believable
D) False
- 22) Their words felt like a dagger in my heart.
[The given sentence is the example of.]
A) Metaphor
B) Personification
C) Imagery
D) Simile
- 23) Sara begins to sneeze _____ she opens the window to get a breath of fresh air.
[Choose the correct conjunction.]
A) though
B) whenever
C) since
D) whereas
- 24) Friends fall off in adversity.
[Choose the correct meaning of the underlined phrase:]
A) To withdraw
B) To help
C) To concentrate
D) To progress

15) The Chairman gave away prizes to the prize winners.

[Choose the correct passive voice:]

- A) Prizes are given away by the chairman to the prize winners.
- B) Prizes have been given away by the chairman to the prize winners.
- C) Prizes were given away by the chairman to the prize winners.
- D) Prizes will be given away by the chairman to the prize winners.

16) شہادت کے وقت حضرت علیؓ کی فریاد کی تھی؟

- (A) 63 سال
- (B) 70 سال
- (C) 76 سال
- (D) 80 سال

17) خزانہ کوٹک کے سوانہائی تمام غزوات میں حضورؐ کے ساتھ رہے۔

- (A) حضرت معاذؓ
- (B) حضرت خالد بن ولیدؓ
- (C) حضرت ابو بکر صدیقؓ
- (D) حضرت علیؓ

18) کوئی غلطی نے موسیٰ بن نصیر سے حاصل ہو کر ان کو غصہ سے معزول کر کے قید میں ڈالا؟

- (A) ولید
- (B) عبدالملک
- (C) سلیمان
- (D) محمد بن سلیمان

19) Sher Shah Suri ruled India for _____ years.

- A) 3
- B) 5
- C) 7
- D) 2

20) Who was the first Muslim ruler who tried to reconcile the differences between Muslims and Hindus?

- A) Akbar
- B) Shah Jehan
- C) Humayun
- D) Babur

21) Who started Jihad against the new religion Din e Illahi?

- A) Shah Wali Ullah
- B) Mirza Abdul Qadar Baidal
- C) Mujaddad Alif Sani
- D) Maulana Bakhtiar Kaki

22) $\log_{10} \sqrt{10} =$

- A) -1
- B) $\frac{1}{2}$
- C) $\frac{1}{2}$
- D) 2

23) Point of intersection of the angle bisectors of a triangle is equidistant from the _____ of the triangle.

- A) Vertices
- B) Sides
- C) Midpoint of the sides
- D) All of the above

24) Cubed value of fraction is always _____ original fraction.

- A) Greater than
- B) Smaller than
- C) Equal to
- D) None of the above

25) If cost price = Rs. 570 and sale price = Rs. 750 then profit percentage is:

- A) 30.578%
- B) 31.578%
- C) 32.578%
- D) 33.578%

26) ردیف کا لفظی مطلب کیا ہے؟

- (A) سب سے اگلا سپاہی
- (B) گھڑا
- (C) گھڑ سوار کے پیچھے بیٹھا ہوا شخص
- (D) وزن اور بھر

27) "جینپ کر" کے کیا معنی ہیں؟

- (A) غصہ ہو کر
- (B) شرمناک
- (C) اصول توڑ کر
- (D) سوار ہو کر

28) وہ کونسا فعل ہے، جب تک فاعل کے علاوہ کوئی اور اسم یا صفت اس کے ساتھ نہ ملے، وہ بات کو مکمل نہیں کرتا؟

- (A) فعل ناقص
- (B) فعل تام
- (C) فعل لازم
- (D) فعل اضطراری

29) Chlorofluorocarbons are the compounds which contain:

- A) Chlorine
- B) Fluorine
- C) Carbon
- D) All of the above

30) Cracks on roads occur due to:

- A) Changes in temperature
- B) Contraction
- C) Expansion
- D) All of the above

31) Seed coat is called?

- A) Plumule
- B) Radicle
- C) Testa
- D) Tegmen

functions of cotyledons:

- A) They protect the baby plant
B) They provide food to embryo
C) Both (A) & (B)
D) None of the above
- 33) Which of the following gas used in fire extinguishers?

- A) Nitrogen
B) Sulphur dioxide
C) Carbon dioxide
D) Hydrogen

34) Choose the correct sentence:

- A) My views are different than you.
B) My views are different with you.
C) My views are different from yours.
D) My views are different from you.

35) The wages of sin are death.

(The underlined word is the example of?)

- A) Noun phrase
B) Prepositional phrase
C) Adverb clause
D) Adjective phrase

36) If $a + b = 10$ and $3a + 2b = 40$, then $(3a + b)$ will be:

- A) 48
B) 50
C) 28
D) 36

37) $\{x | x \in A \text{ and } x \notin B\}$ represent:

- A) $A \cup B$
B) $A \cap B$
C) $A \setminus B$
D) $B \setminus A$

38) The term curriculum is derived from the Latin word Currere, which means:

- A) Contents of course
B) To educate
C) To run the course
D) Set of subjects

39) Human behavior is rational:

- A) When it conforms to nature's laws
B) When it is governed by physical and social laws
C) Both (A) & (B)
D) When it is uncertain by the nature

40) A کی بات کو قبول نہ کیا:

- A) غلط
B) صحیح
C) جھوٹ
D) غریب بات

41) The most important part of the cell that control all activities of the cell is called:

- A) Vacuole
B) Nucleus
C) Mitochondria
D) Golgi bodies

42) Which of the following are unicellular organisms?

- A) Amoeba
B) Paramecium
C) Euglena
D) All of the above

43) 15 is _____ number.

- A) Prime
B) Composite
C) Prime as well as composite
D) Neither prime nor composite

44) $\sqrt{16}$ کی قدر:

- A) 4
B) 8
C) 16
D) 10

45) How many pairs of legs do insects have?

- A) Two
B) Three
C) Four
D) Five

46) Neurons that take impulses away from central nervous system to effectors are called:

- A) Sensory Neurons
B) Associative Neurons
C) Motor Neurons
D) None of the above

47) In which kind of asexual reproduction branches of plants are buried in the soil for growing a new plant?

- A) Cutting
B) Layering
C) Grafting
D) Runner

The average of first 5 multiples of 11 is:

- A) 33
- B) 44
- C) 22
- D) 55

Which of the following is a pair of co-primes?

- A) (18, 25)
- B) (12, 28)
- C) (21, 35)
- D) (23, 92)

Choose the correct sentence:

- A) It is a bad habit to speak lies.
- B) It is a bad habit for speaking lies.
- C) It is a bad habit to tell lies.
- D) It is bad to lie.

The word 'Concise' means:

- A) Strong
- B) Solid
- C) Small
- D) Brief

Jack said, "Can I go and drive, father?"

[Choose the correct indirect speech:]

- A) Jack said to his father if he could go and drive.
- B) Jack asked his father if he can go and drive.
- C) Jack asked his father if he could go and drive.
- D) Jack asked his father that he could go and drive.

4) Surface area of sphere =

- A) $2\pi r^2$
- B) $4\pi r^2$
- C) πr^2
- D) $\frac{4}{3}\pi r^2$

5) _____ advocate that students be free to choose how and what they study.

- A) Existentialism
- B) Pragmatism
- C) Realism
- D) Idealism

6) John Dewey said that education is a purely _____ process.

- A) friendly
- B) common
- C) mental
- D) social

(77) قواعد کی روش سے "مہاراجہ" کونسا اسم ہے؟

- A) اسم ذات
- B) اسم صفت
- C) اسم کبر
- D) اسم مصدر

(78) نیچر گٹ ایبل سے ماخوذ قلم "سازن کسی حال میں خوش نہیں رہتا" کے معنی کون ہیں؟

- A) سر سبز و خوشحال
- B) غلام و اقبال
- C) غم و مسکین آرزو
- D) اظہار و مسکین حال

(79) "غیر ذہین لڑکا ہے" مرکب کی کوئی قسم ہے؟

- A) مرکب ناقص
- B) مرکب جم
- C) مرکب مطلق
- D) مرکب جملی

80) A technique in which a volatile substance (i.e., which evaporates easily) is separated from a non-volatile substance is called:

- A) Filtration
- B) Sedimentation
- C) Distillation
- D) Coagulation

81) Mirage is seen in a desert due to which phenomenon?

- A) Reflection
- B) Total internal reflection
- C) Refraction
- D) Diffraction

82) The part of transverse waves, where the particles of the medium are above the undisturbed position is called:

- A) Crest
- B) Trough
- C) Wavelength
- D) Amplitude

83) Sound waves are collected by:

- A) Pinna
- B) Ear canal
- C) Ear drum
- D) Cochlea

84) Carbon dioxide + Water (Sunlight/Chlorophyll) = ?

- A) Glucose + Water
- B) Water + Oxygen
- C) Glucose + Water + Oxygen
- D) Carbon dioxide + Oxygen

85) Chest Cavity is separated from abdominal cavity by:

- A) Ribs
- B) Diaphragm
- C) Larynx
- D) All of the above

86) The little coy bride was admired by everyone.

[Choose the correct meaning of the underlined word:]

- A) Beautiful
- B) Shy
- C) Talented

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL MARKS: 100

TOTAL TIME: 90 MINUTES

- 1) The human brain is enclosed in bony case called:
A) Cerebrum
B) Cranium
C) Parietal Lobe
D) Temporal Lobe
- 2) Neurons transmits messages in the form of:
A) Mechanical Waves
B) Electromagnetic Waves
C) Electrochemical Waves
D) All of the above
- 3) We bought a house which is very old.
[The underlined part of a sentence is?]
A) Noun phrase
B) Relative clause
C) Adverb clause
D) Main clause
- 4) The word 'Embrace' is antonym to ____
A) Suspect
B) Harm
C) Reject
D) Hurt
- 5) It _____ 20 years since he played football.
[Choose the correct form of verb]
A) will been
B) should be
C) were
D) has been
- 6) The word 'Distinction' means:
A) Degree
B) Difference
C) Diffusion
D) Disagreement
- 7) We found it under a blanket of sand.
[The given sentence is the example of?]
A) Metaphor
B) Simile
C) Personification
D) Rhythm

18۔ "کتاب" کے لیے کیا معنی ہیں؟

- A) تمثیل
- B) تصویر
- C) کتاب کی طرح
- D) بات کی طرح

- 19۔ "کتاب" کے لیے کیا معنی ہیں؟
A) تمثیل
B) تصویر
C) کتاب کی طرح
D) بات کی طرح
- 20۔ "کتاب" کے لیے کیا معنی ہیں؟
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C) کتاب کی طرح
D) بات کی طرح
- 21) The story is too fantastic to be credible.
[Choose the correct meaning of the underlined word.]
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B) Readable
C) Believable
D) False
- 22) Their words felt like a dagger in my heart.
[The given sentence is the example of.]
A) Metaphor
B) Personification
C) Imagery
D) Simile
- 23) Sara begins to sneeze _____ she opens the window to get a breath of fresh air.
[Choose the correct conjunction.]
A) though
B) whenever
C) since
D) whereas
- 24) Friends fall off in adversity.
[Choose the correct meaning of the underlined phrase:]
A) To withdraw
B) To help
C) To concentrate
D) To progress

ROLL NO.

ANSWER SHEET SERIAL NO.

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) Isotopes have the same:
- ☒ A) Atomic mass
 - B) Atomic number
 - C) Neutrons
 - D) None of the above
- 2) Which method is/are used to separate components of a mixture?
- A) Filtration
 - B) Sublimation
 - C) Distillation
 - ☒ D) All of the above
- 3) A chemical process that gives out heat is called
- ☒ A) Combustion
 - B) Synthesis
 - C) Conduction
 - D) Polymerization
- 4) The attractive force among molecules is stronger in
- A) Liquid
 - B) Solid
 - C) Gas
 - ☒ D) All of the above
- 5) There is a pore on seed coat, it is called:
- A) Radicle
 - B) Plumule
 - C) Micropyle
 - ☒ D) Testa
- 6) What is the philosophical outlook of Rousseau about learning activities?
- ☒ A) Learning from books
 - B) Learning through computer
 - C) Learning through play and by doing
 - D) Learning by reading journal paper
- 7) Piaget maintains that a child's mental development took place through a balance between
- A) Expression and emotion
 - B) Assimilation and accommodation
 - ☒ C) Thinking and creating
 - D) Observation and experiment

- 18) سید اعلیٰ خاں کی سربراہی میں 1857ء میں بننے والی فوج کا نام کیا تھا؟
- 19) سید اعلیٰ خاں کی سربراہی میں 1857ء میں بننے والی فوج کا نام کیا تھا؟
- 20) سید اعلیٰ خاں کی سربراہی میں 1857ء میں بننے والی فوج کا نام کیا تھا؟
- 10) Who was the last Hindu king whose kingdom was spread over a vast area in northern India?
- A) Raja Hari Singh
 - B) Raja Harash
 - C) Raja Gupta
 - D) Raja Ashoka
- 11) In _____ Sir Syed Ahmad Khan was transferred to Aligarh, after the construction of the building for Scientific Society.
- ☒ A) 1875
 - B) 1864
 - C) 1872
 - D) 1870
- 12) The minister for Indian affairs approved the _____ on June, 1905.
- A) Partition of Baluchistan
 - B) Partition of Oudh
 - C) Partition of Lucknow
 - D) Partition of Bengal
- 13) The shopkeeper said to the man, "what kind of book do you need."
[Choose the correct indirect speech:]
- A) The shopkeeper told the man what kind of book he needed.
 - B) The shopkeeper asked the man what kind of book he needed.
 - C) The shopkeeper asked the man what kind of book he had needed.
 - D) The shopkeeper asked the man what kind of book he needs.

31) She acquired this wisdom only after much reading.

[Choose the correct passive voice:]

- A) This wisdom is acquired by her only after much reading.
- B) This wisdom was acquired by her only after much reading.
- C) This wisdom was being acquired by her only after much reading.
- D) This wisdom has been acquired by her only after much reading.

32) نبوت کے دوسری سہل طور کو کئی دور میں امتیازی کی چوائی کا نام ہے۔

- A) محرت ہے اس محبت اور محرت کے نام
- B) محرت ہے اس محبت اور محرت کے نام
- C) محرت ہے اس محبت اور محرت کے نام
- D) محرت ہے اس محبت اور محرت کے نام

33) _____ is /are the relationship between two organisms in which both are benefitted and none of them is harmed.

- A) Mutualism
- B) Parasitism
- C) Predation
- D) All of the above

34) Deserts are found in dry regions where the total annual rainfall is usually not exceeding:

- A) 400 mm
- B) 250 mm
- C) 300 mm
- D) 350 mm

35) To hear a clear echo, the reflecting surface should be at least _____ meters away from the source of sound.

- A) 12 meters
- B) 10 meters
- C) 17 meters
- D) 05 meters

36) Which type of pollinations is must for papaya?

- A) Self-pollination
- B) Cross-pollination
- C) Both type of pollination
- D) None of the above

37) According to Glaser "the ability to think critically, involves three things

- A) Behavior, learning, observation
- B) An attitude, knowledge, skills
- C) Creativity, communication, thinking
- D) Environment, focus, facts

38) Grading and reporting works better when

- A) Assessment procedures really used
- B) Assessment procedures mostly used
- C) Assessment procedures properly used
- D) Students perform better

39) فتح ہند کی تاریخ

1A

1B

1C

1D

40) مغل حکمرانوں کی قیادت کی وجہ سے کیا ہے؟

1A

1B

1C

1D

41) سیدنی ہسٹن کے قتل کی وجہ سے کیا ہے؟

1A

1B

1C

1D

42) The Nehru Report's recommendations were presented in all parties conference in August 1928 at:

- A) Bengal
- B) Oudh
- C) Lucknow
- D) Delhi

43) My flowers were begging for water.

[The given sentence is the example of?]

- A) Metaphor
- B) Personification
- C) Simile
- D) Rhythm

44) Choose the correct sentence:

- A) If anyone thought so, they were wrong.
- B) If anyone thought, still they were wrong.
- C) If anyone thought so, he was wrong.
- D) If someone thought so, he went wrong.

45) Either of you can help me in this matter.

[The underlined word is the example of?]

- A) Distributive pronoun
- B) Indefinite pronoun
- C) Reflexive pronoun
- D) Relative pronoun

46) She drew picture _____ a crayon.

[Choose the correct preposition:]

- A) before
- B) up
- C) with
- D) for

47) Swims like a _____

[Complete the idiomatic comparison:]

- A) Fish
- B) Ghost
- C) Kitten
- D) Monkey

- 48) حضرت علیؓ کی ولادت کس سال ہوئی؟
 (A) 600
 (B) 601
 (C) 602
 (D) 603

- 49) If $\sqrt{3x-2} = \sqrt{5x+4}$, then the value of x is:
 (A) 2
 (B) -2
 (C) 3
 (D) -3

- 50) What are the coordinates of point (2, -3) after it is reflected over the x-axis?
 (A) (2, 3)
 (B) (-2, 3)
 (C) (-2, -3)
 (D) (2, -3)

- 51) ایک سال میں کتنے دن ہوتے ہیں؟

- (A) 70
 (B) 90
 (C) 80
 (D) 100

- 52) "ہمیں کائنات کی تخلیق کے لیے کتنا عرصہ لگا گیا؟"

- (A) 6 ہفتے
 (B) 7 ہفتے
 (C) 8 ہفتے
 (D) 9 ہفتے

- 53) The difference of the smallest 6-digit number and the greatest 5-digit number is:

- (A) 1
 (B) 10
 (C) 1000
 (D) 1111

- 54) The next term of the pattern 10, 40, 160, 640, is

- (A) 1240
 (B) 1980
 (C) 2560
 (D) 3080

- 55) How many pieces of $\frac{4}{10}$ meters of wire can be cut from a wire which is $\frac{8}{5}$ meters long?

- (A) 3
 (B) 4
 (C) 5
 (D) 6

- 56) The age of Ashraf is 15 years, 10 months and age of Akmal is 17 years, 5 months. Find the ratio between their ages.

- (A) 9:10
 (B) 10:9
 (C) 11:10
 (D) 10:11

- 57) $1.5 + (0.7 + (1.4 - 0.5)) =$
 (A) 2.1
 (B) 2.5
 (C) 2.9
 (D) 3.1

- 58) "ہمیں کائنات کی تخلیق کے لیے کتنا عرصہ لگا گیا؟"

- (A) 6 ہفتے
 (B) 7 ہفتے
 (C) 8 ہفتے
 (D) 9 ہفتے

- 59) "ہمیں کائنات کی تخلیق کے لیے کتنا عرصہ لگا گیا؟"

- (A) 6 ہفتے
 (B) 7 ہفتے
 (C) 8 ہفتے
 (D) 9 ہفتے

- 60) "ہمیں کائنات کی تخلیق کے لیے کتنا عرصہ لگا گیا؟"

- (A) 6 ہفتے
 (B) 7 ہفتے
 (C) 8 ہفتے
 (D) 9 ہفتے

- 61) A _____ is a number which divides the dividend completely leaving no remainder.

- (A) Factor
 (B) Multiple
 (C) LCM
 (D) None of these

- 62) $U' =$

- (A) U
 (B) $\emptyset$
 (C) $U - A$
 (D) $U - B$

- 63) Which of the following number is a perfect square?

- (A) 540
 (B) 784
 (C) 364
 (D) 15628

- 64) A car is moving with a speed of 90 km/hr. What will be its speed in meter per second?

- (A) 25 m/s
 (B) 20 m/s
 (C) 15 m/s
 (D) 10 m/s

- 65) $9y^4 \div 3y^2 =$

- (A) $9y^4$
 (B) $3y^2$
 (C) y^2
 (D) 3

(C) غزوہ بدر

(D) غزوہ بنو نضیر

(9) صلح حدیبیہ میں _____ قبیلہ مسلمانوں کا حلیف تھا۔

(A) بنو بکر

(B) بنو خزاعہ

(C) بنو مدینہ

(D) بنو امیہ

100) One root of the polynomial $P(x) = x^2 - 4x + 3$ is 1. Another root of the polynomial is?

A) 0

B) -1

C) 2

D) 3

THE END

D) 28

69) An important event in the reign of Muhammad Shah was the attack of _____ on India.

- A) Nadar Shah
- B) Ahmed Shah
- C) Bahadur Shah
- D) Akbar

70) _____ most important deed was his imposition of a refined tax system.

- A) Akbar's
- B) Babur's
- C) Shah Jahan's
- D) Jehangir's

71) Cartography is the technique of _____

- A) Making designs
- B) Comparison of quantitative data
- C) Map-making
- D) Representation of statistical data

72) Babur ruled India for _____ years.

- A) four
- B) ten
- C) twenty-five
- D) thirty

73) The biggest road constructed by Sher Shah Suri reaches from Peshawar to _____ is known as Grand Trunk (GT) Road.

- A) Delhi
- B) Mumbai
- C) Bengal
- D) Aasaam

ج، (C)
د، (D)

- 47) Square root of 2.56 is:
A) 1.4
B) 1.6
C) 1.04
D) 1.06
- 48) Find the surface area of a cuboid with length 12cm, breadth 8cm and height 6cm.
A) 416cm^2
B) 432cm^2
C) 448cm^2
D) 464cm^2
- 49) 10 composers type a book of 75 pages in 5 days. In how many days the same composers would type a book of 45 pages?
A) 2 days
B) 3 days
C) 4 days
D) 5 days
- 50) If the written price of a basket is Rs. 50 and a sales man offers Rs. 2.50 discount on it. The discount % is:
A) 2%
B) 5%
C) 7.5%
D) 10%
- 51) Which of the following is a binomial expression?
A) 15
B) $x + y + 1$
C) $x^2 + y^2$
D) x^2y^2
- 52) The Faisal Mosque and International Islamic University were built with the financial support of _____.
A) Turkey
B) Libya
C) Kingdom of Saudi Arabia
D) U.A.E
- 53) Shisham and Babul trees are found in:
A) High Land Forests
B) Coastal Forests
C) Bela Forests

95) The word "Secure" means:

- A) Secret
- B) Safe
- C) Comfortable
- D) Independent

96) The stairs groaned as we walked on them.

[The given sentence is the example of?]

- A) Metaphor
- B) Simile
- C) Personification
- D) Rhythm

9) حضرت ابو بکر الصديقؓ کی خلافت کے لیے اہم دلیل _____ تھی۔

(A) امامت نماز

(B) اتفاق مال

(C) ان کی سچائی

(D) ان کی دیانت

9) قرآن کریم میں کس فرزند کو "سائے العسراء" کے نام سے پکارا گیا ہے؟

(A) فرزند جبریل

(B) فرزند بنی مصطفیٰ

(C) فرزند ہارون

(D) فرزند یونس

1) The audible frequency of dog is ranges between _____

- A) 23 to 3500 Hz
- B) 17 to 10000 Hz
- C) 20 to 20000 Hz
- D) 50 to 46000 Hz

2) Rainbow is produced due to _____ of light.

- A) Refraction
- B) Reflection
- C) Dispersion
- D) Diffraction

3) Assessment that is used to detect difficulties in the learning process is called _____

- A) Summative assessment
- B) Formative assessment
- C) Diagnostic assessment
- D) Initial assessment

4) A reason or reasons for acting or behaving in a particular way is called _____

- A) Drives
- B) Need
- C) Motivation
- D) Incentive

5) The word "Dynamic" means:

- A) Ambush
- B) Lethargic
- C) Robust
- D) Active

6) His paintings are mysterious and strange.

[The underlined word is a/an:]

- A) Indefinite adjective
- B) Personal pronoun
- C) Possessive adjective
- D) Demonstrative pronoun

7) Can you see that blue colour car?

[Which type of sentence it is?]

- A) Imperative
- B) Interrogative
- C) Optative
- D) Negative

8) I have got no decent shoes to wear.

9) The flying circus _____ summer.

[The underlined

- A) Adjective
- B) Adverb clause
- C) Noun phrase
- D) Prepositional phrase

11) H.C.F of $x^2 -$

- A) $x - y$
- B) $x + y$
- C) $-x + y$
- D) $-x - y$

12) Solve for x .

- A) $\{-10\}$
- B) $\{ \}$
- C) $\{100\}$
- D) $\{10\}$

13) The point

- A) Quad
- B) Quad
- C) Quad
- D) Quad

14) Number

are

- A) 3
- B) 4
- C) 6
- D) 8

15) The we

with on

- A) Co
- B) Se
- C) H

- 64) If $U = \{1, 2, 3, 4, 5, 6\}$ and $A = \{2, 3\}$, then complement of A is
 A) $\{1, 4, 5, 6\}$
 B) $\{2, 4, 5, 6\}$
 C) $\{3, 4, 5, 6\}$
 D) $\{2, 3, 4, 5, 6\}$
- 65) 300° and _____ are coterminal angles of -60° .
 A) -300°
 B) 420°
 C) -420°
 D) 360°
- 66) For $i^2 = -1$, if $3i(2 + 5i) = x + 6i$, then $x = ?$
 A) 5
 B) -15
 C) $5i$
 D) $15i$
- 67) If $\log_x(0.001) = -3$ then $x = ?$
 A) -3
 B) 0.001
 C) 10
 D) 100
- 68) Find the value of $a^3 + b^3$, when $a + b = 4$ and $ab = 3$.
 A) 12
 B) 18
 C) 24
 D) 28

ج، (C)
د، (D)

- 47) Square root of 2.56 is:
A) 1.4
B) 1.6
C) 1.04
D) 1.06
- 48) Find the surface area of a cuboid with length 12cm, breadth 8cm and height 6cm.
A) 416cm^2
B) 432cm^2
C) 448cm^2
D) 464cm^2
- 49) 10 composers type a book of 75 pages in 5 days. In how many days the same composers would type a book of 45 pages?
A) 2 days
B) 3 days
C) 4 days
D) 5 days
- 50) If the written price of a basket is Rs. 50 and a sales man offers Rs. 2.50 discount on it. The discount % is:
A) 2%
B) 5%
C) 7.5%
D) 10%
- 51) Which of the following is a binomial expression?
A) 15
B) $x + y + 1$
C) $x^2 + y^2$
D) x^2y^2
- 52) The Faisal Mosque and International Islamic University were built with the financial support of _____.
A) Turkey
B) Libya
C) Kingdom of Saudi Arabia
D) U.A.E
- 53) Shisham and Babul trees are found in:
A) High Land Forests
B) Coastal Forests
C) Bela Forests

- 153) کوئٹہ میں آباد ہونے والے آیت اللہ
 (A) مدینہ منورہ
 (B) قادیان
 (C) بمبئی
 (D) لاہور

- 156) میدانِ کشتی میں نور محمد (محمد کا چچا) کے بچوں کی تعداد؟
 (A) حضرت ابو بکر صدیق رضی اللہ عنہ
 (B) حضرت عمر فاروق رضی اللہ عنہ
 (C) حضرت محمد مصطفیٰ رضی اللہ عنہ
 (D) حضرت سعد بن ابی وقاص رضی اللہ عنہ

57) The equation $(y + 13)(y + a) = 0$ has no linear term. Find the value of a .

- (A) 12
 (B) -12
 (C) 13
 (D) -13

58) If $(x + 1)(x - 5) = 0$, then the solutions are

- (A) $x = 1, -5$
 (B) $x = 1, 5$
 (C) $x = -1, -5$
 (D) $x = -1, 5$

59) Discriminant of the quadratic equation $x^2 + 9x + 2 = 0$ is

- (A) 71
 (B) 73
 (C) 75
 (D) 77

60) The ratio of the mass of sand to cement in a particular type of concrete is 4.8 : 2. If 6 kg of sand are used, how much cement is needed?

- (A) 2 kg
 (B) 2.5 kg
 (C) 3 kg
 (D) 3.5 kg

61) $\frac{x^2+2}{x^2+2x+2}$ is

- (A) Proper fraction
 (B) Improper fraction
 (C) Irrational fraction
 (D) None of the above

62) حضرت بابا فرید الدین گنج شکر کے مرشد کا نام _____ تھا۔

- (A) مبین الدین چشتی انجیری
 (B) شہاب الدین مہروردی
 (C) نظام الدین اولیاء
 (D) خواجہ غلام الدین غفاری

63) راجہ کے موقع پر کس صوبائی کی سفارش پر حضور نے اسے مسلمان بنایا؟

- (A) حضرت عمر فاروق رضی اللہ عنہ
 (B) حضرت عثمان رضی اللہ عنہ
 (C) حضرت علی رضی اللہ عنہ
 (D) حضرت ابو بکر صدیق رضی اللہ عنہ

- (A) (1, 2, 3, 4, 5, 6)
 (B) (2, 3, 4, 5, 6)
 (C) (3, 4, 5, 6)
 (D) (2, 3, 4, 5, 6)

65) 300° and _____ are coterminal

- (A) -300°
 (B) 420°
 (C) -420°
 (D) 360°

66) For $i^2 = -1$, if $3i(2 + 5i) = x$ then

- (A) 5
 (B) -15
 (C) 5i
 (D) 15i

67) If $\log_4(0.001) = -3$ then $x = ?$

- (A) -3
 (B) 0.001
 (C) 10
 (D) 100

68) Find the value of $a^3 + b^3$, where $ab = 3$.

- (A) 12
 (B) 18
 (C) 24
 (D) 28

69) An important event in the reign of Muhammad Shah was the _____ on India.

- (A) Nadar Shah
 (B) Ahmed Shah
 (C) Bahadur Shah
 (D) Akbar

70) _____ most important development was the imposition of a refined tax system.

- (A) Akbar's
 (B) Babur's
 (C) Shah Jahan's
 (D) Jehangir's

71) Cartography is the technique of _____

- (A) Making designs
 (B) Comparison of quantities
 (C) Map-making
 (D) Representation of statistical data

72) Babur ruled India for _____ years.

- (A) four
 (B) ten
 (C) twenty-five
 (D) thirty

73) The biggest road construction project in the world, the _____, reaches from Peshawar to Kolkata, known as Grand Trunk Road.

- (A) Delhi
 (B) Mumbai
 (C) Bengal
 (D) Aasaam

D) 28

69) An important event in the reign of Muhammad Shah was the attack of _____ on India.

- A) Nadar Shah
- B) Ahmed Shah
- C) Bahadur Shah
- D) Akbar

70) _____ most important deed was his imposition of a refined tax system.

- A) Akbar's
- B) Babur's
- C) Shah Jahan's
- D) Jehangir's

71) Cartography is the technique of _____

- A) Making designs
- B) Comparison of quantitative data
- C) Map-making
- D) Representation of statistical data

72) Babur ruled India for _____ years.

- A) four
- B) ten
- C) twenty-five
- D) thirty

73) The biggest road constructed by Sher Shah Suri reaches from Peshawar to _____ is known as Grand Trunk (GT) Road.

- A) Delhi
- B) Mumbai
- C) Bengal
- D) Aasaam

186) Degree of the polynomial $2x^3y^2$ is:

- A) 1
B) 2
C) 3
D) 4

187) Muhammad Rafiq Tarar was chosen as President of Pakistan by:

- A) Muslim League
B) Jamat-e-Islami
C) Peoples Party
D) National Party

188) Before the 14th amendment, _____ was the Chief Justice of Pakistan.

- A) Ajmal Mian
B) Wajid Ali Shah
C) Syed Sajjad Ali Shah
D) Ghulam Mustafa Jatoi

189) The Mughal Empire founded by Babur in 1525, came to an end in _____.

- A) 1589
B) 1648
C) 1785
D) 1857

190) فرق گورد کھیری اور مل برہم _____ ہے۔

- A) صہیت رائے
B) رگوچی سہائے
C) جیون گورد کھیری
D) سہائے رگوچی

191) صہیت مل برہم کی بنیاد کی گئی ہے۔

- A) صہیت مل برہم
B) صہیت مل برہم
C) صہیت مل برہم
D) صہیت مل برہم

89) Practical learning refers to the idea that education should apply to _____

- A) Real world
B) Family
C) Society
D) Nation

90) In gram seeds the number of cotyledons is _____

- A) 1
B) 2
C) 3
D) 4

91) The area of square field is $9216m^2$, its perimeter is:

- A) 96m
B) 192m
C) 300m
D) 384m

92) The symbol " $\sqrt{\quad}$ " is called.

- A) Index
B) Radical
C) Radicand
D) Cubic root

93) In the triangle ABC, the angle A is three times of angle B. Angle C is 60° . Find angle A.

- A) 40°
B) 80°
C) 90°
D) 120°

94) If $\tan \theta < 0$ and $\cos \theta > 0$, name the quadrant in which θ lies.

- A) Quadrant I
B) Quadrant II
C) Quadrant III
D) Quadrant IV

THE END

(54) 2π

$2\pi \times \frac{22}{7} \times 5$

since $\frac{1}{10}$

67) The _____ battle of Mysore is also known as Tipu Sultan's battle against the British.

- A) First
- B) Second
- C) Fourth
- ☒ D) Third

68) Which of the following was an important turning point in the freedom movement of Muslims of Indo Pak?

- A) C.R. Formula
- B) Cabinet Mission
- ☒ C) Cripps Mission
- D) None of the above

69) The area where geographical, social and cultural aspects are similar is called:

- ☒ A) Region
- B) Scale
- C) Latitude
- D) Meridian

70) جیت کے غوی مٹی خور یا _____ کے ہیں۔

- ☒ A) مراد
- B) خوب صورت
- C) سنا
- D) جیت کے غوی

71) میرے پاس ایک نئی لکڑی کی مٹی ہے۔

- A) میرے پاس
- B) میرے پاس
- C) میرے پاس
- ☒ D) میرے پاس

72) میرے پاس ایک نئی لکڑی کی مٹی ہے۔

- A) میرے پاس
- B) میرے پاس
- C) میرے پاس
- ☒ D) میرے پاس

73) Choose the correct sentence:

- A) As he is ill, so he cannot come.
- B) He is ill though he cannot come.
- ☒ C) He is ill, he cannot come.
- D) As he is ill, he cannot come.

74) اس کے پاس ایک نئی لکڑی کی مٹی ہے۔

- A) میرے پاس
- B) میرے پاس
- C) میرے پاس
- ☒ D) میرے پاس

75) Which of the following is the first unit of social life?

- A) Family
- B) Friends
- C) Mosque
- D) School

76) According to pragmatists which one is the most widely accepted method of education?

- A) Demonstration Method
- B) Lecture Method
- C) Learning through reading
- ☒ D) Learning by doing

77) Chromosomes are made up of _____?

- A) DNA and Lipids
- B) Proteins and Lipids
- C) DNA and starch
- ☒ D) DNA and Proteins

78) The Organisms whose genes are modified are called _____

- A) TB organism
- ☒ B) GM organisms
- C) FC organisms
- D) OP organisms

79) Which of the following gas is not a source of air pollution _____

- A) CO
- B) NO₂
- C) N₂
- ☒ D) SO₂

80) Ozone is a gas made up of _____ atoms of oxygen.

- A) 2
- ☒ B) 3
- C) 4
- D) 1

81) $AB + C \rightarrow A + BC$ is a _____ reaction.

- A) Synthesis
- B) Decomposition
- ☒ C) Single displacement
- D) Double displacement

82) His voice is an angel's song.

[The given sentence is the example of?]

- ☒ A) Rhyme
- B) Metaphor
- C) Simile
- D) Alliteration

83) You will lead an easy life, if you go by the instructions.

[Choose the correct meaning of the underlined phrase.]

- A) Discard
- B) Reject
- ☒ C) Follow
- D) Copy

84) Do not colour the diagram in the book.

[The given sentence is?]

- A) Imperative
- B) Declarative
- C) Exclamatory
- ☒ D) Optative

85) Diary closed her cluttered clothes closet.

[The given sentence is the example of?]

- A) Alliteration

- 89) The wind howled in the night
[The wind in the sentence is the example of:]
A) Simile
B) Personification
C) Metaphor
D) Alliteration

90) نئی کو تھیں سے ہے۔

- (A) مٹا
(B) دل
(C) سچ
(D) ہم

91) منور سناؤ کے دیں گے کیا راستہ ہو گئی؟

- (A) 12 دی گئی
(B) 16 دی گئی
(C) 15 دی گئی
(D) 14 دی گئی

- 92) His voice is an angel's song.
[The given sentence is the example of:]
A) Rhyme
B) Metaphor
C) Simile
D) Alliteration

- 93) You will lead an easy life, if you go by the instructions.
[Choose the correct meaning of the underlined phrase:]
A) Discard
B) Reject
C) Follow
D) Copy

- 94) Do not colour the diagram in the book.
[The given sentence is:]
A) Imperative
B) Declarative
C) Exclamatory
D) Optative

- 95) Clary closed her cluttered clothes closet.
[The given sentence is the example of:]
A) Alliteration
B) Personification
C) Imagery
D) Optative

96) چنے کے ارا لیں۔

- (A) +
(B) /
(C) %
(D) ^

97) رخصانہ لہو لکھنؤ کا دورہ کیا۔

- (A) رحمت
(B) مقرر
(C) بہن سے تہات دانے والا
(D) عہد

98) اراج طہرات رخصانہ طہریں
مقرر ہیں۔

- (A) طہرت طہریں رخصانہ طہریں
(B) طہرت طہریں رخصانہ طہریں
(C) طہرت طہریں رخصانہ طہریں
(D) طہرت طہریں رخصانہ طہریں

- 99) Practical learning refers to the idea that education should apply to _____

- A) Real world
B) Family
C) Society
D) Nation

- 100) In gram seeds the number of cotyledons is _____

- A) 1
B) 2
C) 3
D) 4

THE END

172) ارضی ماحول کی کہلاتی ہے۔

- (A) ایتھیر
(B) ایسٹرون
(C) اوسیان
(D) اکیس

173) ماحولیات میں زیر معلقوں سے پر ہے کی اسمی۔

- (A) وہاب ہے
(B) مہاج ہے
(C) ماحولیات کے ماحولیات سے
(D) ماحولیات کے ماحولیات سے

174) اس سے کہہ سکتے ہیں کہ وہ ماحولیات سے پر ہے کی اسمی۔

- (A) مہاج ہے
(B) مہاج ہے
(C) مہاج ہے
(D) مہاج ہے

75) Personality traits play a very important role in _____

- A) Personality
B) Action
C) Behaviour
D) Ego

76) A prize given to a student at the result day is the example of _____

- A) Intrinsic motivation
B) Extrinsic motivation
C) Prize motivation
D) None of the above

77) The increase in volume of water as its temperature is lowered from 4°C to 0°C is called _____

- A) Peculiar behaviour
B) Seductive behaviour
C) Abnormal behaviour
D) Ambitious behaviour

78) A ray parallel to the principal axis, after refraction from convex lens _____

- A) Passes through its principal focus
B) Does not bend
C) Passes through center of curvature
D) Passes through the center of lens

79) The forces of attraction between the particles of _____ are _____

- A) Strong
B) Weak
C) Normal
D) Intense

80) The tritium isotope of hydrogen has _____ protons and _____ neutrons in its nucleus.

- A) 1, 1
B) 1, 2
C) 1, 3
D) 1, 4

81) Place of living of an organism is called _____

- A) Environment
B) Specie
C) Ecosystem
D) Habitat

82) $\frac{5}{22}$ is _____

- A) Terminating decimal
B) Non-recurring decimal
C) Recurring decimal
D) Recurring and terminating decimal

83) A toy factory manufactures 28,550 toys in 25 days. How many toys will it manufacture in 7 days?

- A) 7894
B) 7994
C) 8994
D) 8894

84) اس میں سے صحیح جواب لکھو۔

- (A) مہاج ہے
(B) مہاج ہے
(C) مہاج ہے
(D) مہاج ہے

85) She has been studying all day. (The underlined phrase is?)

- A) Noun phrase
B) Adverb phrase
C) Verb phrase
D) Prepositional phrase

86) Phrases are grammatical units that consist of _____

- A) One or more words
B) More than one word
C) Predicate
D) Subject and predicate

87) He said, "We cannot read this chapter in 10 minutes." (Choose the correct indirect speech.)

- A) He said that they cannot read that chapter in ten minutes.
B) He said that they should not read that chapter in ten minutes.
C) He said that they could not read that chapter in ten minutes.
D) He said that they will not read that chapter in ten minutes.

88) Let us not appreciate the sufferings of the poor. (Choose the correct antonym of the underlined word.)

- A) Abrogate
B) Advocate
C) Alleviate
D) Appreciate

35) 0.648 in fraction form can be written as

- A) $\frac{81}{125}$
- B) $\frac{162}{125}$
- C) $\frac{162}{625}$
- D) $\frac{162}{15625}$

36) $(-2)^{-3} =$

- A) 32
- B) -32
- C) 64
- D) -64

37) The degrees of longitudes are:

- A) 70, 120, 160
- B) 50, 100, 150
- C) 30, 90, 180
- D) 90, 160, 360

38) If $0.5x + 5 = x - 0.75$, then the value of x is

- A) 5.5
- B) 9.5
- C) 11.5
- D) 13.5

39) Order of bracket is

- A) Braces, square bracket, vinculum and parenthesis
- B) Vinculum, braces, parenthesis and square bracket
- C) Vinculum, parenthesis, braces and square bracket
- D) Parenthesis, vinculum, braces and square bracket

40) Which of the following number is divisible by 11?

- A) 7879593
- B) 8478551
- C) 323266
- D) 7879553

41) Neelam paid Rs. 11,000 as Zakat on gold. How much gold she has? (Price of gold Rs. 50,000 per tola).

- A) 7 tola gold
- B) 7.11 tola gold
- C) 7.22 tola gold
- D) 7.33 tola gold

42) پاکستان کی شرح نمو 2019-2020 کے لیے تقریباً 5.5% ہے۔ اس کے مطابق پاکستان کی شرح نمو 2020-2021 کے لیے تقریباً 5.5% ہے۔

- A) 5.5%
- B) 5.5%
- C) 5.5%
- D) 5.5%

43) What percentage of the country's crude oil needs does Pakistan import?

- A) 80%
- B) 90%
- C) 75%
- D) 82%

44) The very _____ (heavy) of his soul caused him to sleep profoundly.

[Choose the correct suffix]

- A) -stead
- B) -ness
- C) -ly
- D) -times

45) We did not expect the judicious remark for him.

[Choose the correct synonym of the underlined word.]

- A) Legal
- B) Shrewd
- C) Rational
- D) Sagacious

46) Choose the correct sentence.

- A) Starvation stared at our face.
- B) Starvation stared us in our face.
- C) Starvation was staring at us on our face.
- D) Starvation had stared our face.

47) I have a coloured calendar on my desk. [The underlined word is the example of:]

- A) Infinitive
- B) Conjunction
- C) Participle adjective
- D) Verb

48) We haven't seen each other since he _____.

[Choose the correct form of verb.]

- A) was leaving
- B) left
- C) leave
- D) leaves

49) The area of square field is 9216m², its perimeter is:

- A) 96m
- B) 192m
- C) 300m
- D) 384m

50) The symbol " $\sqrt{\quad}$ " is called:

- A) Index
- B) Radical
- C) Radicand
- D) Cubic root

51) In the triangle ABC, the angle A is three times of angle B. Angle C is 60°. Find angle A.

- A) 40°
- B) 20°
- C) 90°
- D) 120°

52) If $\tan \theta < 0$ and $\cos \theta > 0$, name the quadrant in which θ lies.

- A) Quadrant I
- B) Quadrant II
- C) Quadrant III
- D) Quadrant IV

53) Degree of the polynomial $2x^3y^2$ is:

- A) 1
- B) 2
- C) 3
- D) 4

SCREENING TEST FOR RECRUITMENT OF CERTIFIED TEACHER (CT)
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

D

ROLL NO. _____

NAME: _____

ANSWER SHEET SERIAL NO. _____

SIGNATURE: _____

TOTAL MARKS: 100

TOTAL TIME: 90 MINUTES

- 1) The area of a rectangle is 16 square feet. Its length is 8 feet. The perimeter of the rectangle is
 A) 10 feet
 B) 20 feet
 C) 32 feet
 D) 100 feet
- 2) The LCM of two or more prime numbers is always equal to their
 A) Prime factor
 B) Quotient
 C) LCM
 D) Product
- 3) What is 62% of 62?
 A) 31.44
 B) 34.44
 C) 38.44
 D) 41.44
- 4) The _____ battle of Mysore is also known as Tipu Sultan's battle against the British.
 A) first
 B) second
 C) fourth
 D) third
- 5) Which of the following was an important turning point in the freedom movement of Muslims of Indo Pak?
 A) C.R. Formula
 B) Cabinet Mission
 C) Cripps Mission
 D) None of the above
- 6) The area where geographical, social and cultural aspects are similar is called;
 A) Region
 B) Scale
 C) Latitude
 D) Meridian

17) اہمیت کے لحاظ سے انہی میں سے کون سا ہے۔

- A) خطہ
- B) مرقعہ
- C) خوبصورت
- D) سمت

18) "ہے نظر کو دیا آ آتے ہیں غور میں ملحق"

"میرزا میں کون کی صفت ہے؟"

- A) صفت ترقی
- B) صفت تعین
- C) صفت تہذیب
- D) صفت جمیع

19) "میرزا میں کیا دلی طور" کے ساتھ ہے۔

- A) قصیدہ
- B) مرثیہ
- C) مثنوی
- D) غزل

10) Choose the correct sentence:

- A) As he is ill, so he cannot come.
- B) He is ill though he cannot come.
- C) He is ill, he cannot come.
- D) As he is ill, he cannot come.

11) He plucked the flower from the garden.
 [The underlined verb is the example of:]

- A) Transitive verb
- B) Auxiliary verb
- C) Intransitive verb
- D) Article

12) I hope you will find someone there to help you.

[The underlined word is an example of:]

- A) Indefinite pronoun
- B) Relative pronoun
- C) Reflexive pronoun
- D) Possessive pronoun

13) "میرزا میں کیا دلی طور" کے ساتھ ہے۔

- A) مرثیہ
- B) غزل
- C) مثنوی
- D) قصیدہ

14) The relationship between two organisms where both are benefitted and neither is harmed is called _____

- A) Predation
- B) Parasitism
- C) Mutualism
- D) None of the above

- 15) Which atoms are found in methane?
 A) 4 carbon and 4 hydrogen
 B) 1 carbon and 1 hydrogen
 C) 4 carbon and 1 hydrogen
 D) 1 carbon and 4 hydrogen
- 16) Acid, when treated with metals, produce salt and:
 A) Oxygen
 B) Carbon dioxide
 C) Hydrogen
 D) All of the above
- 17) Sodium has one electron in its outermost shell, so its valency is:
 A) 2
 B) 0
 C) 1
 D) 4
- 18) Which salt is used as an anti-acid, in fire extinguishers and bakeries?
 A) Sodium chloride
 B) Copper sulphate
 C) Sodium hydrogen carbonate
 D) Sodium carbonate
- 19) 5 masons can build a house in 120 days. How many masons will be required to build the same house in 75 days?
 A) 6
 B) 7
 C) 8
 D) 9

20) آنتھروپک کہ جس سے انسان پیدا ہوا ہے۔

A) آبیہ (Water)

B) آنتھروپک (Anthropos)

C) آنتھروپک (Anthropos)

D) آنتھروپک (Anthropos)

- 21) Which of the following is the first unit of social life?
 A) Family
 B) Friends
 C) Mosque
 D) School

- 22) According to pragmatists which one is the most widely accepted method of education?
 A) Demonstration Method
 B) Lecture Method
 C) Learning through reading
 D) Learning by doing

- 23) Chromosomes are made up of _____?

- A) DNA and Lipids
 B) Proteins and Lipids
 C) DNA and starch
 D) DNA and Proteins

- 24) The Organisms whose genes are modified are called _____

- A) TB organisms
 B) GM organisms
 C) FC organisms
 D) OP organisms

- 25) Which of the following gas is not a source of air pollution _____

- A) CO
 B) NO₂
 C) N₂
 D) SO₂

- 26) Ozone is a gas made up of _____ atoms of oxygen.

- A) 2
 B) 3
 C) 4
 D) 1

- 27) $AB + C \rightarrow A + BC$ is a _____ reaction.

- A) Synthesis
 B) Decomposition
 C) Single displacement
 D) Double displacement

- 28) All of the following are diseases caused by bacteria except _____

- A) Pneumonia
 B) Typhoid
 C) Cholera
 D) Ringworm

- 29) Current can easily pass through _____

- A) Steel paper clip
 B) Plastic comb
 C) Glass strip
 D) Wooden spoon

- 30) Saturn has _____ moons.

- A) 27
 B) 75
 C) 82
 D) 97

- 31) Ureter is a part of _____ system

- A) Nervous
 B) Reproductive
 C) Excretory
 D) Circulatory

- 32) The value of $\sqrt[3]{2197}$ is:

- A) 11
 B) 13
 C) 17
 D) 19

- 33) Find the number of quantities if their sum is 5,200 and their average is 650.

- A) 8
 B) 10
 C) 12
 D) 14

- 34) What is $\frac{3}{10}$ divided by $1\frac{4}{5}$?

- A) $\frac{1}{10}$
 B) $\frac{1}{20}$
 C) $\frac{1}{30}$
 D) $\frac{1}{40}$

35) 0.648 in fraction form can be written as

- A) $\frac{81}{125}$
- B) $\frac{162}{125}$
- C) $\frac{162}{625}$
- D) $\frac{162}{15625}$

36) $(-2)^{-3} =$

- A) 32
- B) -32
- C) 64
- D) -64

37) The degrees of longitudes are:

- A) 70, 120, 160
- B) 50, 100, 150
- C) 30, 90, 180
- D) 90, 160, 360

38) If $0.5x + 5 = x - 0.75$, then the value of x is

- A) 5.5
- B) 9.5
- C) 11.5
- D) 13.5

39) Order of bracket is

- A) Braces, square bracket, vinculum and parenthesis
- B) Vinculum, braces, parenthesis and square bracket
- C) Vinculum, parenthesis, braces and square bracket
- D) Parenthesis, vinculum, braces and square bracket

40) Which of the following number is divisible by 11?

- A) 7879593
- B) 8478551
- C) 323266
- D) 7879553

41) Neelam paid Rs. 11,000 as Zakat on gold. How much gold she has? (Price of gold Rs. 50,000 per tola).

- A) 7 tola gold
- B) 7.11 tola gold
- C) 7.22 tola gold
- D) 7.33 tola gold

42) پاکستان کی شرح نمو 2019-2020 کے لیے تقریباً 5.5% ہے۔ اس کے مطابق پاکستان کی شرح نمو 2020-2021 کے لیے تقریباً 5.5% ہے۔

- A) 5.5%
- B) 5.5%
- C) 5.5%
- D) 5.5%

43) What percentage of the country's crude oil needs does Pakistan import?

- A) 80%
- B) 90%
- C) 75%
- D) 82%

44) The very _____ (heavy) of his soul caused him to sleep profoundly.

[Choose the correct suffix]

- A) -stead
- B) -ness
- C) -ly
- D) -times

45) We did not expect the judicious remark for him.

[Choose the correct synonym of the underlined word.]

- A) Legal
- B) Shrewd
- C) Rational
- D) Sagacious

46) Choose the correct sentence.

- A) Starvation stared at our face.
- B) Starvation stared us in our face.
- C) Starvation was staring at us on our face.
- D) Starvation had stared our face.

47) I have a coloured calendar on my desk. [The underlined word is the example of:]

- A) Infinitive
- B) Conjunction
- C) Participle adjective
- D) Verb

48) We haven't seen each other since he _____.

[Choose the correct form of verb.]

- A) was leaving
- B) left
- C) leave
- D) leaves

49) The area of square field is 9216m², its perimeter is:

- A) 96m
- B) 192m
- C) 300m
- D) 384m

50) The symbol " $\sqrt{\quad}$ " is called:

- A) Index
- B) Radical
- C) Radicand
- D) Cubic root

51) In the triangle ABC, the angle A is three times of angle B. Angle C is 60°. Find angle A.

- A) 40°
- B) 20°
- C) 90°
- D) 120°

52) If $\tan \theta < 0$ and $\cos \theta > 0$, name the quadrant in which θ lies.

- A) Quadrant I
- B) Quadrant II
- C) Quadrant III
- D) Quadrant IV

53) Degree of the polynomial $2x^3y^2$ is:

- A) 1
- B) 2
- C) 3
- D) 4

172) ارضی ماحول کی کہلاتی ہے۔

- (A) ایتھیر
(B) ایسٹرون
(C) اوسیان
(D) اکیس

173) ماحولیات میں زیر معلقوں سے پر ہے کی اسمی۔

- (A) وہاب ہے
(B) مہاج ہے
(C) ماحولیات کے ماحولیات سے
(D) ماحولیات کے ماحولیات سے

174) اس سے کہہ سکتے ہیں کہ وہ ماحولیات سے پر ہے کی اسمی۔

- (A) مہاج ہے
(B) مہاج ہے
(C) مہاج ہے
(D) مہاج ہے

75) Personality traits play a very important role in _____

- A) Personality
B) Action
C) Behaviour
D) Ego

76) A prize given to a student at the result day is the example of _____

- A) Intrinsic motivation
B) Extrinsic motivation
C) Prize motivation
D) None of the above

77) The increase in volume of water as its temperature is lowered from 4°C to 0°C is called _____

- A) Peculiar behaviour
B) Seductive behaviour
C) Abnormal behaviour
D) Ambitious behaviour

78) A ray parallel to the principal axis, after refraction from convex lens _____

- A) Passes through its principal focus
B) Does not bend
C) Passes through center of curvature
D) Passes through the center of lens

79) The forces of attraction between the particles of _____ are _____

- A) Strong
B) Weak
C) Normal
D) Intense

80) The tritium isotope of hydrogen has _____ protons and _____ neutrons in its nucleus.

- A) 1, 1
B) 1, 2
C) 1, 3
D) 1, 4

81) Place of living of an organism is called _____

- A) Environment
B) Specie
C) Ecosystem
D) Habitat

82) $\frac{5}{22}$ is _____

- A) Terminating decimal
B) Non-recurring decimal
C) Recurring decimal
D) Recurring and terminating decimal

83) A toy factory manufactures 28,550 toys in 25 days. How many toys will it manufacture in 7 days?

- A) 7894
B) 7994
C) 8994
D) 8894

84) اس میں سے صحیح جواب لکھو۔

- (A) مہاج ہے
(B) مہاج ہے
(C) مہاج ہے
(D) مہاج ہے

85) She has been studying all day. (The underlined phrase is?)

- A) Noun phrase
B) Adverb phrase
C) Verb phrase
D) Prepositional phrase

86) Phrases are grammatical units that consist of _____

- A) One or more words
B) More than one word
C) Predicate
D) Subject and predicate

87) He said, "We cannot read this chapter in 10 minutes." (Choose the correct indirect speech.)

- A) He said that they cannot read that chapter in ten minutes.
B) He said that they should not read that chapter in ten minutes.
C) He said that they could not read that chapter in ten minutes.
D) He said that they will not read that chapter in ten minutes.

88) Let us not appreciate the sufferings of the poor. (Choose the correct antonym of the underlined word.)

- A) Abrogate
B) Advocate
C) Alleviate
D) Appreciate

36) What does the curriculum reflect?

- A) An organized society
- B) A perfect society
- C) A complex and diverse society
- D) None of the above

37) The unwritten, unofficial and often unintended lessons, values and perspectives that students learn in school refers to:

- A) Co-curriculum
- B) Assessed Curriculum
- C) Unwritten Curriculum
- D) Hidden Curriculum

38) کون کونساں کی قرآن کے مطابق، اللہ تعالیٰ سے اپنے واسطہ طریقہ پر ہے کہ:

- (A) ان کی اللہ تعالیٰ سے ہے۔
- (B) ان کو، جو کہ اللہ تعالیٰ سے ہے کیا ہے۔
- (C) ان کی اللہ تعالیٰ سے ہے، جو کہ اللہ تعالیٰ سے ہے۔
- (D) ان کے اللہ تعالیٰ سے ہے، جو کہ اللہ تعالیٰ سے ہے۔

39) The Government of Mian Nawaz Sharif in _____ launched a motor way between Islamabad and Lahore.

- A) 1997
- B) 1994
- C) 1992
- D) 1991

40) In December 1981 Gen. Zia ul Haq announced the formation of Majlis-e-Shura, the Majlis-e-Shura was composed of:

- A) 40 members
- B) 50 members
- C) 30 members
- D) 60 members

41) Who won the presidential elections in 1993?

- A) Farooq Ahmad Khan
- B) Ghulam Ishaq Khan
- C) Wasim Sajjad
- D) Muhammad Rafiq Tarar

42) Rhizopus belongs to kingdom _____

- A) Monera
- B) Protista
- C) Animalia
- D) Fungi

43) Star fish belong to group of animals called _____

- A) Echinoderms
- B) Molluscs
- C) Fishes
- D) Sponges

44) Expanding of metal on heating is a _____ change.

- A) Physical
- B) Chemical
- C) Biological
- D) Permanent

45) The flow of charge is called _____

- A) Magnet
- B) Electric current
- C) Momentum
- D) Acceleration

46) _____ independent and one or more dependent clauses connected to it.

- A) Compound
- B) Complex
- C) Simple
- D) None of the above

47) Choose the correct subordinate conjunction.

- A) At
- B) The
- C) Until
- D) And

48) Which of the following underlined vowel is long?

- A) Fat
- B) Win
- C) Cube
- D) Wet

49) Find the surface area of a sphere whose radius is 7 cm.

- A) 516 cm²
- B) 576 cm²
- C) 606 cm²
- D) 616 cm²

50) A number is divisible by 8 if the last three digits are zero or divisible by _____

- A) 2
- B) 4
- C) 6
- D) 8

51) The point (-3, 8) is located in

- A) Quadrant I
- B) Quadrant II
- C) Quadrant III
- D) Quadrant IV

52) A man is 41 years old and his son is 9 years old. In how many years will the father be three times as old as the son?

- A) 3 years
- B) 5 years
- C) 7 years
- D) 9 years

153) حدیث نبوی میں اس بات کو تسلیم کرنے کی کیا ہے؟

- (A) سورۃ النور
- (B) سورۃ الاحزاب
- (C) سورۃ المائدہ
- (D) سورۃ التوبہ

154) اللہ تعالیٰ ہم کو کون سے عبادتیں عطا فرمائے؟

- (A) عبادت اللہ تعالیٰ
- (B) عبادت نبی
- (C) عبادت اللہ تعالیٰ
- (D) عبادت نبی

155) جو اللہ تعالیٰ کے رسول ہیں۔

- (A) اللہ تعالیٰ کے رسول ہیں
- (B) اللہ تعالیٰ کے رسول ہیں
- (C) اللہ تعالیٰ کے رسول ہیں
- (D) اللہ تعالیٰ کے رسول ہیں

- A) Objective
- B) Syllabus
- C) Curriculum
- D) School

57) The volume of internal core of earth is about _____ %

- A) 16
- B) 36
- C) 56
- D) 76

58) Mars has _____ moons.

- A) 14
- B) 02
- C) 12
- D) 24

59) Which of the following is non-biodegradable?

- A) Feathers
- B) Polythene bags
- C) Paper
- D) Wood

60) Due to the effect of acid rain, stone buildings are corroded. This type of damage to the stone buildings is called:

- A) Stone cancer
- B) Stone bleeding
- C) Stone disease
- D) None of the above

61) Harmful bacteria are removed from water by passing _____ gas.

- A) Chlorine
- B) Oxygen
- C) Nitrogen
- D) Carbon dioxide

62) Verbs that do not show action are called.

- A) Linking Verbs
- B) Main Verbs
- C) Phrasal Verbs
- D) None of the above

63) He said to her, "Did you not go to the market?"

[Choose the correct indirect speech.]

- A) He told her that she did not go to the market.
- B) He asked her that she did not go to the market.
- C) He asked her if she had not gone to the market.
- D) He asked her that had she not gone to the market.

64) The word or phrase formed by rearranging the letters of a different word or phrase is called:

- A) Digraph
- B) Trigraph
- C) Anagram
- D) Paragraph

65) I waited for the bus but it was late. (Identify the sentence type.)

- A) Complex
- B) Simple
- C) Compound
- D) Negative

- A) Three
- B) Earth
- C) Treat
- D) There

67) Who stole the piano?

[Choose the correct voice:]

- A) The piano was stole by who?
- B) Who was the piano stolen by?
- C) By whom the piano was stolen?
- D) By whom was the piano stolen?

68) Identify the phrase in the following.

- A) After Dinner
- B) I Go
- C) Hurrah
- D) Building

69) Hameed Ullah Khan (the architect) built castles and bridges.

[Identify the underlined punctuation:]

- A) Hyphen
- B) Parentheses
- C) Semi Colon
- D) Braces

70) Polynomial of degree four is called _____

- A) Quadratic
- B) Linear
- C) Cubic
- D) Biquadratic

71) The sum of the lengths of any two sides of a triangle is _____ than the length of the third side.

- A) Smaller
- B) Greater
- C) Equal
- D) None of the above

72) Harmonic mean is the reciprocal of _____

- A) Harmonic mean
- B) Geometric mean
- C) Arithmetic mean
- D) None of the above

73) Factorize the equation:

- A) $a^2b^2 - a^2 - b^2 + a = ?$
- B) $(a+1)(a-1)(b+1)$
- C) $(a+1)(b-1)(b+1)$
- D) $(a-1)(ab^2 + b^2 - a)$

174) واہو عشق کونک اکثرت
سورہ شعراء 1A

سورہ انعام 1B

سورہ اعراس 1C

سورہ بقرہ 1D

سورہ آل عمران 1E

سورہ مائدہ 1F

سورہ احزاب 1G

سورہ نساء 1H

سورہ توبہ 1I

سورہ صافات 1J

سورہ زمر 1K

سورہ دھر 1L

- 56) We cannot educate the people without _____.
- Objective
 - Syllabus
 - Curriculum
 - School
- 57) The volume of internal core of earth is about _____ %.
- 16
 - 36
 - 56
 - 76
- 58) Mars has _____ moons.
- 14
 - 02
 - 12
 - 24
- 59) Which of the following is non-biodegradable?
- Feathers
 - Polythene bags
 - Paper
 - Wood
- 60) Due to the effect of acid rain, stone buildings are corroded. This type of damage to the stone buildings is called:
- Stone cancer
 - Stone bleeding
 - Stone disease
 - None of the above
- 61) Harmful bacteria are removed from water by passing _____ gas.
- Chlorine
 - Oxygen
 - Nitrogen
 - Carbon dioxide
- 62) Verbs that do not show action are called.
- Linking Verbs
 - Main Verbs
 - Phrasal Verbs
 - None of the above
- 63) He said to her, "Did you not go to the market?"
[Choose the correct indirect speech:]
- He told her that she did not go to the market.
 - He asked her that she did not go to the market.
 - He asked her if she had not gone to the market.
 - He asked her that had she not gone to the market.
- 64) The word or phrase formed by rearranging the letters of a different word or phrase is called:
- Digraph
 - Trigraph
 - Anagram
 - Paragraph
- 65) I waited for the bus but it was late.
[Identify the sentence type:]
- Complex
 - Simple
 - Compound
 - Negative
- 66) The anagram of the word, "heart" can be:
- Three
 - Earth
 - Treat
 - There
- 67) Who stole the piano?
[Choose the correct voice:]
- The piano was stole by who?
 - Who was the piano stolen by?
 - By whom the piano was stolen?
 - By whom was the piano stolen?
- 68) Identify the phrase in the following.
- After Dinner
 - I Go
 - Hurrah
 - Building
- 69) Hameed Ullah Khan (the architect) built castles and bridges.
[Identify the underlined punctuation:]
- Hyphen
 - Parentheses
 - Semi Colon
 - Braces
- 70) Polynomial of degree four is called _____.
- Quadratic
 - Linear
 - Cubic
 - Biquadratic
- 71) The sum of the lengths of any two sides of a triangle is _____ than the length of the third side.
- Smaller
 - Greater
 - Equal
 - None of the above
- 72) Harmonic mean is the reciprocal of _____.
- Harmonic mean
 - Geometric mean
 - Arithmetic mean
 - None of the above
- 73) Factorize the equation:
 $a^2b^2 - a^2 - b^2 + a = ?$
- $(a+1)(a-1)(b+1)$
 - $(a+1)(b-1)(b+1)$
 - $(a-1)(ab^2 + b^2 - a)$
 - $(a+1)(a+1)(b^2-1)$

174. دیکھو! نیچے دی گئی عبارتیں میں سے کون سی درست ہے؟

- سورۃ شوریٰ
- سورۃ المدثر
- سورۃ النجم
- سورۃ النحل

175. درج ذیل عبارتوں میں سے کون سی صحیح ہے؟

- پیش
- پیش
- کتاب
- نکاح

176) ملکی صوبے کے سالانہ انتخابات

- A) فیصلہ
- B) 15
- C) 14
- D) 13

77) Effective teaching is a function of:

- A) Regular teaching
- B) Perfect classroom
- C) Clear and precise communication
- D) Discipline

178) درست تدریس کا معیار ہے کہ اس کی نشاندہی کریں؟

- A) شب
- B) صبح
- C) سنا
- D) دھوا

179) "نور ہندوستان" کا نام رکھتا ہے "اسی خطے میں نور" مطلب کی نشاندہی کریں؟

- A) فرم
- B) خوش
- C) بیت
- D) خوش و فرم

180) کائنات کی ابتدا کیا ہے؟

- A) جوت
- B) دھوا
- C) دھوت
- D) پانی

181) کون سی قوم نے آئینہ بنایا ہے؟

- A) مہول
- B) قلی
- C) قلی
- D) رقی

182) ایسے حالات میں کون سے ملکوں نے مل کر ایک ملکی زبان بنائی ہے؟

- A) مملکت
- B) اسلامی مملکت
- C) دھوا مملکت
- D) مملکت

83) According to Zakat and Ushr Ordinance all banks of the country were to deduct Zakat from the saving accounts on the:

- A) 1st Shaban
- B) 1st Ramzan
- C) 1st Rajab
- D) 1st Muharram

84) The new Local Government announced by the National Reconstruction Bureau consisted of:

- A) Two tiers
- B) Three tiers
- C) Four tiers
- D) Five tiers

85) According to the new 2005, Every Union Council will have:

- A) 15 seats
- B) 13 seats
- C) 14 seats
- D) 19 seats

86) Atomic mass of aluminum is _____

- A) 13
- B) 23
- C) 25
- D) 27

87) Vegetable oil is converted into solid fats by a process called _____

- A) Chlorination
- B) Oxidation
- C) Hydrogenation
- D) Halogenation

88) The critical angle for water is _____

- A) 99 degree
- B) 49 degree
- C) 59 degree
- D) 39 degree

89) _____ is present only in animal cells while absent in higher plant cells.

- A) Cell membrane
- B) Mitochondria
- C) Chloroplast
- D) Centriole

90) Which of the following factor is not necessary for photosynthesis?

- A) Oxygen
- B) Carbon dioxide
- C) Light
- D) Chlorophyll

91) My father built this house. [Choose the correct passive voice:]

- A) The house was built by my father.
- B) The house is built by my father.
- C) The house was built by my father.
- D) The house has built by my father.

92) What should be subtracted from $x^2 - xy + y^2$ to make it a perfect square?

- A) xy
- B) $-xy$
- C) Both (A) & (B)
- D) None of the above

93) 72 is _____ percent of 360.

- A) 20%
- B) 31%
- C) 24%
- D) 40%

94) If $a + b = 5$ and $a - b = \sqrt{17}$ then the value of ab should be

- A) 6.5
- B) 10.5
- C) 7.5
- D) 3.5

95) Which measure of central tendency includes the magnitude of scores?

- A) Mean
- B) Mode
- C) Median
- D) Range

96) The volume of a parallelepiped with length, breadth and height as $5x$, $3x^2$ and $7x^4$ respectively is:

- A) $105 x^2$
- B) $105 x^3$
- C) $105 x^4$
- D) $105 x$

97) What will be the value of x , if $5^{(x+2)} = 25^{(11-x)}$?

- A) $11/5$
- B) $11/6$
- C) $5/11$
- D) $6/11$

98) کس صحابی کو مجبور کی پہلی بی بی لیت کر، محسن دیا پھلتا؟

- A) حضرت عثمان بن عفان
- B) حضرت عبدالرحمن بن عوف
- C) حضرت مصعب بن عمیر
- D) حضرت عذکر بن اسود

99) فلم "الحارث تار" کس شاعر کی تخلیق ہے؟

- A) کاظم ہاشمی
- B) عامر اقبال
- C) عامر مصطفیٰ جمیل
- D) نیاز سواتی

100) On April 23rd 1989, the PPP Government launched the Peoples works program in:

- A) Baluchistan
- B) Punjab
- C) NWFP
- D) Sindh

THE END

- 16) A folk tale from the past is:
 A) A Popular Story
 B) An Essay
 C) A Novel
 D) A Drama
- 17) A word modifying an adverb is called _____.
 A) Adjective
 B) Preposition
 C) Adverb
 D) Conjunction
- 18) She whispered in his ear.
 [Identify the function of the underlined word or phrase in the sentence:]
 A) Noun phrase
 B) Adjective phrase
 C) Verb phrase
 D) Adverb phrase
- 19) The internal angle at each vertex of a regular octagon is
 A) 108°
 B) 115°
 C) 120°
 D) 135°
- 20) Measure of shadow of 5m long electric pole is 3m. Find the distance from the tip of the pole to the tip of shadow.
 A) 5.2cm
 B) 5.4cm
 C) 5.6cm
 D) 5.8cm
- 21) Contractions can be used in:
 A) Formal letters
 B) Official Letters
 C) Informal Letters
 D) Both (A) & (B)
- 22) Which of the following sentence is imperative?
 A) The players were nervous before the game.
 B) Kareem went to school for study.
 C) Move the chairs into that corner quickly.
 D) I am not sure.
- 23) He was satisfied _____ his result.
 [Choose the correct preposition:]
 A) by
 B) from
 C) of
 D) with
- 24) Transitive verbs require an _____ to complete their meaning.
 A) Direct object
 B) Subject
 C) Both (A) & (B)
 D) None of the above
- 25) The word, "Successive" mean.
 A) A very successful man
 B) Following immediately one after the other
 C) Victory
 D) Conquer

- 26) William Wordsworth was born in:
 A) 1770
 B) 1870
 C) 1789
 D) 1699
- 27) Re-writing the poet's words or ideas in your own words is called.
 A) Essay
 B) Paragraph
 C) Paraphrase
 D) Story
- 28) A group of lines in a poem is called.
 A) Quatrain
 B) Sestet
 C) Stanza
 D) Octave
- 29) If two circles touch externally, the distance between their centers is equal to the _____ of their radii.
 A) Product
 B) Sum
 C) Difference
 D) None of the above
- 30) A _____ has four equal sides but none of its internal angle is 90° .
 A) Parallelogram
 B) Trapezium
 C) Square
 D) Rhombus
- 31) Average of four numbers is 24. What is the sum of four numbers?
 A) 6
 B) 48
 C) 96
 D) 240
- 32) Marked price of a binocular is Rs. 80. If its sale price is Rs. 72. Find percentage discount.
 A) 8%
 B) 9%
 C) 10%
 D) 11%

133 سوچو! منتخب ساتویں آسمانی کھیل کون سا ہے؟

- A) کھیر
 B) انجیر
 C) زیتون
 D) جڑی

134 گیس بنا کر مشورے ملک الفضول کا معاہدہ کیا تھا؟

- A) کیونکہ اس معاہدے میں مسلمانوں کی حدود کا وعدہ کیا گیا تھا۔
 B) کیونکہ اس معاہدے کی مدت کم تھی۔
 C) کیونکہ اس معاہدے میں مسلمانوں کی حدود کا وعدہ کیا گیا تھا۔
 D) کیونکہ اس معاہدے میں شرط کم تھی۔

135 لڑاکے متی ہیں۔

- A) گچھا
 B) کھانچا
 C) ریت
 D) کھیرا دیا

- 1) Hand ball court dimension is:
 - A) 15x45m
 - B) 20x40m
 - C) 20x45m
 - D) 22x44m
- 2) Circumference of the discus sector circle is:
 - A) 2.135m
 - B) 2.145m
 - C) 2.50m
 - D) 3.50m
- 3) Total number of players in volleyball team is:
 - A) 5
 - B) 12
 - C) 6
 - D) 10
- 4) Length of table tennis table is:
 - A) 8 feet
 - B) 10 feet
 - C) 9 feet
 - D) 12 feet
- 5) To perform daily routine work without fatigue is known as:
 - A) Health
 - B) Wellness
 - C) Fitness
 - D) Stiffness
- 6) The court length in badminton is 44 feet and its width is _____ feet.
 - A) 15
 - B) 17
 - C) 18
 - D) 20
- 7) The outermost layer of the atmosphere is called:
 - A) Troposphere
 - B) Stratosphere
 - C) Exosphere
 - D) Mesosphere
- 8) All of the following are true about air EXCEPT:
 - A) Air acts as propagating medium for sound
 - B) Air support water cycle
 - C) Air helps in pollination of seeds
 - D) Air maintains nitrogen cycle

- 9) _____ EXCEPT:
 - A) It slows the burning, rusting and decay process
 - B) It is used by plants in the form of fertilizer
 - C) Animals use it in the form of proteins
 - D) It is used in baking industry
- 10) When current passes through a bulb, it converts electrical energy into:
 - A) Light energy
 - B) Heat energy
 - C) Both (A) & (B)
 - D) None of the above
- 11) We had been writing _____ nearly an hour when the bell rang.
 - A) since
 - B) so far
 - C) for
 - D) about
- 12) The average pocket money of 30 students is Rs. 20/-. The total amount in the class is:
 - A) Rs. 20/-
 - B) Rs. 30/-
 - C) Rs. 300/-
 - D) Rs. 600/-
- 13) Let f be a function from A to B, then f is _____ function if $\text{Range}(f) = B$
 - A) into
 - B) onto
 - C) one-one
 - D) bijective
- 14) سونی آئیڈل کی پہلی سٹوڈیو کا نام _____ ہے۔
 - A) آئیڈل سٹوڈیو
 - B) سونی سٹوڈیو
 - C) آئیڈل سٹوڈیو
 - D) سونی سٹوڈیو
- 15) Penalty kick mark is _____ meters:
 - A) 11
 - B) 10
 - C) 12
 - D) 9
- 16) Total duration of football match is:
 - A) 90 minutes
 - B) 80 minutes
 - C) 60 minutes
 - D) 70 minutes

- 37) How many rounds are there in 400 m race?
 A) 2
 B) 3
 C) 1
 D) 4
- 38) In diabetes _____ is not working properly:
 A) heart
 B) pancreas
 C) kidney
 D) liver
- 39) How many bones are there in our body?
 A) 204
 B) 206
 C) 208
 D) 216
- 40) If a body change its position because of another body or surrounding is called:
 A) Motion
 B) Force
 C) Balance
 D) Flexibility
- 41) Following is/are sources of renewable energy EXCEPT:
 A) Tide
 B) Wind
 C) Fossil fuel
 D) Sun
- 42) A wave in which the particles of the medium vibrate back and forth parallel to the direction of motion of wave is called:
 A) Longitudinal waves
 B) Sound waves
 C) Transverse waves
 D) None of the above
- 43) Summer, which is my favorite season, will be here in another week.
 [Identify the adjective clause:]
 A) Summer
 B) Which is my favorite season
 C) Will be here
 D) Will be here in another week
- 44) Which sentence contains an infinitive phrase?
 A) Salim ate cake.
 B) Salim went to London.
 C) Salim hated to leave the party.
 D) Salim transferred the call to the manager.
- 45) A _____ is a line segment joining two points on a circle.
 A) Secant
 B) Diameter
 C) Tangent
 D) Chord

46) لوگ بھائی سے مراد کونسی بھائی ہے؟

- A) نسلی بھائی
 B) مہائی بھائی
 C) مہنوں کی بھائی
 D) مختصر بھائی

پانچوں گئی ہیں سر کوئی ہیں (B)
 پانچوں اٹھیاں گئی ہیں سر کوئی ہیں (C)
 پانچوں ہاتھ گئی ہیں سر کوئی ہیں (D)
 دستہ ڈیل میں سے "کھانچے" کا انتخاب کریں؟ (45)

- A) پیلا گری
 B) خوش ہوا
 C) لکھنؤ
 D) جڑواں

- 49) The partition of United India was decided on:
 A) 7th May 1942
 B) 23rd March 1940
 C) 3rd June 1947
 D) 27th October 1941
- 50) Pakistan Resolution was brought forward by:
 A) Syed Ahmad Khan
 B) Maulana Shaukat Ali
 C) Allama Iqbal
 D) Maulvi Fazal Haq
- 51) The nature of curriculum is?
 A) Creative
 B) Constructive
 C) Critical
 D) All of the above
- 52) _____ is a school of thought that believes that it is impossible to study the mind objectively
 A) Functionalism
 B) Humanism
 C) Idealism
 D) Behaviourism
- 53) In high jump three principals are involved speed, strength and:
 A) Co-ordination
 B) Endurance
 C) Balance
 D) Projectile
- 54) Runway of the javelin throw for adult is more than:
 A) 20 meters
 B) 25 meters
 C) 30 meters
 D) 18 meters
- 55) It was really dark and I couldn't see _____.
 A) something
 B) nothing
 C) anything
 D) everything
- 56) Sometimes I get really _____ when I can't express myself well in English.
 A) Frustrate
 B) Frustrating
 C) Frustrated
 D) Frustration

- D) 30 yards
- 18) Endurance is fitness component which is required for:
- Sprint race
 - Throws
 - Long race
 - Jumps
- 19) Athlete foot is disease caused by:
- Virus
 - Bacteria
 - Fungus
 - Protista
- 20) Approximately the number of muscles present in human body are:
- 550
 - 700
 - 600
 - 565
- 21) Which of the following give support to bones?
- Carpal/metacarpals
 - Tarsals/metatarsals
 - Muscles
 - Vessels
- 22) How many calories present in 100gm of rice?
- 370 calories
 - 350 calories
 - 360 calories
 - 400 calories
- 23) Due to its positive impact on land production, Earthworms are also called:
- Living Fertilizers
 - Bio Fertilizers
 - Both (A) & (B)
 - None of the above
- 24) Cell organelle which is involved in division of animal cells is called _____:
- Centrioles
 - Vacuole
 - Mitochondria
 - None of the above
- 25) Humans have _____ pairs of chromosomes.
- 22
 - 23
 - 46
 - 28
- 26) He said to her, "Did you not invite your friends?"
[Change the narration:]
- He told her that did she not invite her friends.
 - He asked her that had she not invited her friends.
 - He asked her if she had not invited her friends.
 - He asked her that if she had not invited her friends.

- 1C) اس میں وہ نہیں لکھتا
- 1D) اس میں وہ لکھتا ہے
- 12B) اس میں وہ لکھتا ہے
- 1A) اس میں وہ لکھتا ہے
- 1B) اس میں وہ لکھتا ہے
- 1C) اس میں وہ لکھتا ہے
- 1D) اس میں وہ لکھتا ہے
- 29) The length of the hypotenus is 10 feet while it makes an angle of 45° with the ground. Find the height of the top of the slide from ground.
- $5\sqrt{2}$ feet
 - $7\sqrt{2}$ feet
 - $3\sqrt{2}$ feet
 - $2\sqrt{2}$ feet
- 30) Find the mode of the given data: 2, 4, 6, 7, 9, 10
- 4
 - 7
 - 10
 - No mode
- 31) Find the value of $a^3 + b^3$, when $a + b = 4$, $ab = 3$
- 24
 - 26
 - 28
 - 30
- 32) How many Subsets does an empty subset have?
- 0
 - 1
 - 2
 - 10
- 33) اس میں وہ لکھتا ہے
- 1A) اس میں وہ لکھتا ہے
- 1B) اس میں وہ لکھتا ہے
- 1C) اس میں وہ لکھتا ہے
- 1D) اس میں وہ لکھتا ہے
- 34) China lies in the _____ of Pakistan.
- north
 - south
 - west
 - east
- 35) The method of teaching through demonstration is very much effective at:
- Middle level
 - Primary level
 - Higher level
 - All of the above
- 36) Duration of one quarter in basketball match:
- 15 minutes
 - 20 minutes
 - 10 minutes
 - 25 minutes

ETEA SST Bio/Chemistry 2022 (Subject Portion)

1) How many people get lung cancer by smoking? The question can be answered via:

- A) Biogeography
- B) Biophysics
- C) Biometry ✓
- D) Bio-economics

2) The book "A-sha" written by A.M. Aasmai is about:

- A) Horses
- B) Camels
- C) Sheep ✓
- D) Wild animal

3) Which one of the following salt(s) is used as a food preservatives?

- A) Sodium chloride ✓
- B) Sodium sulphate
- C) Sodium citrate
- D) All of the above

4) The removal of suspended particles from the water take place by the process of:

- A) Flocculation
- B) Coagulation
- C) Sedimentation
- D) Both (A) & (B) ✓

5) In the water treatment plant different materials are used as filters. The most common been used is/are:

- A) Lime water
- B) Sand and Gravel

- C) Gypsum
- D) Potash✓

6) The maximum number of electrons in the third orbit are:

- A) 2
- B) 8
- C) 18✓
- D) 32

7) What would be the correct sequence of a simple food chain in a terrestrial ecosystem:

- A) Grasshopper → Grass → Snake → Eagle
- B) Grass → Grasshopper → Snake → Eagle✓
- C) Grasshopper → Grass → Eagle → Snake
- D) Grass → Grasshopper → Eagle → Snake

8) *Lactobacillus bulgaricus* is a type of bacteria involved in the production of :

- A) Alcohol
- B) Yogurt✓
- C) Prickle
- D) Cheese

9) The poisonous substances and gases that are produced by open garbage dumps causes:

- A) Air pollution
- B) Water Pollution
- C) Noise Pollution
- D) Both (A) & (B)✓

10) Decaying is an example of:

- A) Physical Change
- B) Chemical Change✓

- C) Gases Change
- D) Both (A) & (B)

11) Carbon is a:

- A) Monovalent atom ✓
- B) Divalent atom
- C) Tetravalent atom
- D) Tetraivalent atom

12) The major breakthrough in biotechnology of pre 20th century include(s):

- A) Small pox and Rabies vaccines ✓
- B) Artificial Sweeteners
- C) DNA and Chromosomes
- D) All of the above

13) The formula mass of $\text{Fe}(\text{NO}_3)_2$ is:

- A) 160 amu
- B) 170 amu
- C) 180 amu ✓
- D) 190 amu

14) How many moles are present in 60g of CO_2 ?

- A) 1.364gm ✓
- B) 1.534 gm
- C) 1.754 gm
- D) 2.364 gm

15) The maximum number of electron accommodated in d sub-shell are:

- A) 2
- B) 6
- C) 10 ✓
- D) 14

16) Identify metalloid among the following elements:

- A) Phosphorus
- B) Boron ✓
- C) Aluminum

17) All are present in DNA except:

- A) Phosphate unit
- B) Ribose sugar ✓
- C) Deoxyribose sugar
- D) Nitrogen base

18) Which one of the following test is used for the detection of carbon, carbon double bond in alkenes?

- A) Fehling's solution test
- B) Tollen's test
- C) Baeyer's test ✓
- D) Lucas test

19) Which of the following organism(s) is/are used to make antibiotics:

- A) Fungi Only
- B) Bacteria Only
- C) Algae
- D) Both (A) & (B) ✓

20) The protective layer present outside the bacterial cell wall is known as:

- A) Fimbriae
- B) Pilli
- C) Capsule ✓
- D) None of the above

21) The digestion of proteins and killing of germs is the main function of:

- A) Liver
- B) Pancreas

- C) Stomach✓
- D) Salivary Gland

22) A technique that involves injecting a dye into an artery to allow study of arterial tree is known as:

- A) Angioplasty
- B) Angiography✓
- C) ECG
- D) Echocardiography

23) The synthesis of glucose takes place in:

- A) Leaves✓
- B) Ripen fruit
- C) Woody Stem
- D) Roots

24) The sharpening of image in compound microscope is done with the help of:

- A) Eye piece
- B) Course Adjustment knob
- C) Fine Adjustment knob✓
- D) Objective Lens

25) The part of the eye that is filled with blood vessels and bring oxygen and nutrients to eye is:

- A) Sclerotic layer
- B) Choroid✓
- C) Retina
- D) Pupil

26) The snail shaped structure present in ear is known as:

- A) Semi-Circular Canal
- B) Cochlea✓

C) Ear Drum

D) Ossicle

27) The suitable range of temperature for photosynthesis is:

A) 10°C to 25°C

B) 25 °C to 35°C ✓

C) 15 °C to 40 °C

D) 5°C to 15°C

28) The part of the brain that is involved in facial expression is:

A) Cerebellum

B) Pons ✓

C) Medulla oblongata

D) Mind Brain

29) Medium size kidney stones are removed by:

A) Laser

B) Lithotripsy ✓

C) Excretion

D) Dialysis

30) The Zoological name of butterfly is:

A) Hystrix Leucura

B) Phreretima posthuma

C) Pieris rapae ✓

D) Apis mellifera

31) The 2D image is obtained through:

A) Light microscope

B) Light microscope and TEM ✓

C) SEM and TEM

D) Light microscope and SEM

32) Mechanical tissues of plant includes:

- A) Collenchyma
- B) Sclerenchyma
- C) Apical and lateral meristem
- D) Both (A) & (B) ✓

33) According to pressure flow theory which one of the following act both as source and sink:

- A) Fruits
- B) Roots ✓
- C) Leaves
- D) None of the above

34) As temperature increases, solubility of oxygen and carbon dioxide:

- A) Increases
- B) Decreases ✓
- C) Remain constant
- D) Increase for oxygen while decrease for carbon dioxide

35) Consider the following chemical reaction:



The above reaction is a type of:

- A) Addition Reaction
- B) Decomposition Reaction
- C) Single Displacement Reaction ✓
- D) Double Displacement Reaction

36) The number of atoms of reactants is _____ equal to number of atoms of products in a balanced chemical equation:

- A) Never
- B) Always ✓
- C) Often
- D) Some Time

37) The identification test for the Aldehydes includes:

- A) Fehling's test
- B) FeCl_3 Solution
- C) Litmus solution
- D) 2,4 Dinitrophenylhydrazine ✓

38) Identify Dicot plant among the following:

- A) Bamboo
- B) Rose ✓
- C) Sugar cane
- D) Maize

39) Teflon is a/an:

- A) Element
- B) Fertilizer
- C) Monomer
- D) Polymer ✓

40) The combustion product of hydrocarbons are:

- A) Carbon dioxide and oxygen
- B) Oxygen and water
- C) Carbon dioxide and water ✓
- D) Oxygen, carbon dioxide and water

41) Ferrum is another name of:

- A) Gold
- B) Iron ✓
- C) Silver
- D) Sodium

42) Sodium, hydrogen, carbon and oxygen are the constituent elements of:

- A) Soda ash
- B) Baking Soda ✓

- C) Soda Water
- D) All of the above

43) The majority of particulate matter inhaled by a smoker is composed of:

- A) Nicotine
- B) Tar✓
- C) Carbon monoxide
- D) Cadmium

44) The loss of water from the plants in the form of small droplets through hydathodes is known as:

- A) Guttation✓
- B) Lenticular Transpiration
- C) Cuticular Transpiration
- D) Stomatal Transportation

45) Ear, nose, trachea and bronchi are composed of:

- A) Elastic cartilage
- B) Hyaline cartilage✓
- C) Fibrous cartilage
- D) Both (A) & (B)

46) Identify solution among the following:

- A) Paint
- B) Blood
- C) Medicine
- D) Sea Water✓

47) 1 atmosphere is equal to:

- A) 760 mmHg✓
- B) 760 torr
- C) 101.325 KPa
- D) All of the above

48) The molecular shape of CO_2 is:

- A) Linear ✓
- B) Angular
- C) Bent
- D) Trigonal planar

49) Identify poly-protic acid among the following:

- A) HCl
- B) CH_3COOH
- C) H_3PO_4 ✓
- D) HCN

50) An isotope of cobalt is used:

- A) To determine the age of old material
- B) For the treatment of bone disease
- C) In the treatment of cancer ✓
- D) For the treatment of goiter

51) An element has seven electron in its valence shell. Its valency is:

- A) 8
- B) 1 ✓
- C) 7
- D) 0

52) How many different types of gametes will be produced by plants having a genotype AaBb ?

- A) Eight
- B) Six
- C) Four ✓
- D) Three

Today SST Bio/Chemistry (Urdu & Islamiyat) Portion

(1) درج ذیل میں سے کونسا لفظ ٹھیک ہے؟

(1) سواب

(2) صواب

(3) ثواب ✓

(4) ثواب

(2) حجاب کا احکام کب نازل ہوئے؟

(1) 5 ہجری ✓

(2) 7 ہجری

(3) 4 ہجری

(4) 2 ہجری

(3) ایسے حروف یا لفظ جو دوسرے لفظوں کے "آخر" میں لگا کر نئے الفاظ بنائے جائے، کیا کہلاتے ہیں؟

(1) قافیہ

(2) سابقہ

(3) لاحقہ ✓

(4) ردیف

(4) "گلہ بانی" کا پیش کہاں عام ہے؟

(1) بلوچستان ✓

(2) خیبر پختونخوا

(3) 1 اور 2 دونوں

(4) ان میں سے کوئی نہیں

(5) "چنبیلی پاکستان کا قومی پھول ہے" اس جملے میں اسم معرفہ کا انتخاب کریں۔

(1) پھول

(2) قومی

(3) چنبیلی ✓

(4) ہے

(6) درج ذیل میں سے حقوق العباد کون معاف کر سکتا ہے؟

(1) اللہ تعالیٰ

(2) حضرت محمد صلی اللہ علیہ وآلہ وسلم

(3) خود انسان ✓

(4) اولیاء

(7) "حقیقی مسلمان وہ ہے، جس کی زبان اور ہاتھ سے دوسرے مسلمان محفوظ اور سلامت ہوں" درج ذیل میں کیا ہے؟

(1) حدیث ✓

(2) آیت

(3) اثر

(4) ملفوظ

(8) حضور اکرم صلی اللہ علیہ وآلہ وسلم _____ ذی الحجب کو عرفات کے مقام پر ٹھہرے اور قصوی اونٹنی پر سوار ہو کر خطبہ دیا۔

(1) آٹھ

(2) نو

(3) نو ✓

(4) دس

(9) "بلبل ایک گیت گانے والا پرندہ ہے۔" اس جملے میں اسم نکرہ کا انتخاب کریں؟

(1) بلبل

(2) ایک

(3) گانے

(4) پرندہ ✓

(10) مکتوب کے کہتے ہیں؟

(1) کتابیں

(2) خط ✓

(3) مضمون

(4) کہانی

(11) موئن جو دڑو کی دریافت کیسے ہوئی تھی؟

(1) مصوری سے

(2) نقش و نگار سے

(3) انسانی اعضاء کی ہڈیوں سے ✓

(4) جانوروں کے اعضاء کی ہڈیوں سے

- 1) _____ words have the same sound.
- A) Rhyming
B) Vowel
C) Consonant
D) None of the above
- 2) Choose the correct rhyming words in the following.
- A) Bat-Bed
B) Tug-bug
C) Book-pen
D) Tour-floor
- 3) In 44 sounds of English language, _____ are vowel sounds and _____ are consonant sounds.
- A) 15, 21
B) 19, 23
C) 30, 41
D) 20, 24
- 4) _____ is the rise and fall of voice while speaking.
- A) Intonation
B) Syllable
C) Metaphor
D) Simile
- 5) We spent last week in Nathia Gali.
[Identify the underlined word]
- A) Proper noun
B) Common noun
C) Countable noun
D) Abstract noun

16) یہ کوئی عربی لفظ ہے کہ قہر اکٹھے سے قہر ہوتے تو سب سے

ظہیر ہے اس کا مطلب ہے

A) بڑا جگہ ہے

B) قہر کی جگہ ہے

C) بڑی جگہ ہے جس کے پاس قہر اکٹھے ہوتا ہے

D) یہ لفظ ہے

17) حضرت بھلہ و محمد علی کو ان کے لفظوں سے

A) حضرت بھلہ کو ان کے لفظوں سے

B) حضرت بھلہ کو ان کے لفظوں سے

C) حضرت بھلہ کو ان کے لفظوں سے

D) حضرت بھلہ کو ان کے لفظوں سے

18) وہ لفظ ہے

19) وہ لفظ ہے

20) وہ لفظ ہے

21) وہ لفظ ہے

9) Basically, environmental pollution is of:

- A) Two types
B) Four types
C) Five types
D) Three types

10) In which year Maharaja Ranjit Singh was crowned?

- A) 1802
B) 1805
C) 1801
D) 1809

11) Civil Disobedience and non-cooperation movement were carried out jointly under the supervision of _____ and _____ in 1920.

- A) Nehru and Quaid e Azam
B) Gandhi and Muhammad Ali Johar
C) Allama Iqbal and Quaid e Azam
D) Nehru and Muhammad Ali Johar

12) Multiply the greatest 3-digit number by the smallest 3-digit number, we get:

- A) 10000
B) 99900
C) 11100
D) 99000

13) The perimeter of a book is 100cm, if its width is 22cm, its length is:

- A) 28cm
B) 30cm
C) 32cm
D) 26cm

14) Measure of the shortest distance between the bases and its vertex is called _____

- A) Median
B) Altitude
C) Right bisector
D) Angle bisector

SCREENING TEST FOR RECRUITMENT OF CERTIFIED TEACHER (CT)
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____

NAME: _____

ANSWER SHEET SERIAL NO. _____

SIGNATURE: _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) سید کریم کے صرف دو نام کونساں ہیں؟
- A) دو نام
B) تین نام
C) چار نام
D) پانچ نام
- 2) Basically, environmental pollution is of:
- A) Two types
B) Four types
C) Five types
D) Three types
- 3) In which year Maharaja Ranjit Singh was crowned?
- A) 1802
B) 1805
C) 1801
D) 1809
- 4) Civil Disobedience and non-cooperation movement were carried out jointly under the supervision of _____ and _____ in 1920.
- A) Nehru and Quaid e Azam
B) Gandhi and Muhammad Ali Johar
C) Allama Iqbal and Quaid e Azam
D) Nehru and Muhammad Ali Johar
- 5) Multiply the greatest 3-digit number by the smallest 3-digit number, we get:
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B) 99900
C) 11100
D) 99000
- 6) The perimeter of a book is 100cm. If its width is 22cm, its length is:
- A) 28cm
B) 30cm
C) 32cm
D) 26cm
- 7) Measure of the shortest distance between the bases and its vertex is called _____.
- A) Median
B) Altitude
C) Right bisector
D) Angle bisector
- 8) An algebraic expression is a polynomial if its exponents are _____.
- A) Natural numbers
B) Whole numbers
C) Integers
D) Rational numbers
- 9) The other philosophy which blends with Realism to form Essentialism is:
- A) Pragmatism
B) Existentialism
C) Idealism
D) Materialism
- 10) Comenius believed that the aim of Education is:
- A) Bring all the rest to other
B) In the ultimate victory of good
C) Everything must be thought the senses
D) To shape the human creature into an image of the Divine
- 11) اگر کسی خط کو مختلف حصوں کی بنیاد پر تقسیم کیا جائے تو اسے کہتے ہیں؟
- A) خط
B) شعاع
C) کثیر
D) زاویہ
- 12) جب دو خط ایک دوسرے کا زاویہ قائمہ بنائیں تو انہیں کہتے ہیں؟
- A) متوازی
B) متعام
C) متوازی و متعام
D) متوازی و متعام
- 13) دو متوازی خطوں کے درمیان دو متعام خطوں کے درمیان کیا ہے؟
- A) متوازی
B) متعام
C) متوازی و متعام
D) متوازی و متعام



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- 15) The waste material and excess of water pass into the renal tubule from which of the following part of nephron:
 A) Renal artery
 B) Pelvis
 C) Bowman's capsule
 D) Urethra
- 16) Find the value of k if the roots of $x^2 - 7x + k = 0$ differ by unity.
 A) 3
 B) 7
 C) 10
 D) 12
- 17) Domain of a binary relation $R = \{(x, y) | y = -2x - 3\}$ is the set $\{0, 4, 8\}$. Find its range.
 A) $\{0, -7, -16\}$
 B) $\{-1, -9, -17\}$
 C) $\{1, 9, 15\}$
 D) $\{-1, -9, -15\}$
- 18) Which of the following represents the sides of a triangle?
 A) 3, 4 and 5
 B) 3, 4 and 7
 C) 3, 4 and 8
 D) 3, 4 and 1
- 19) According to Bruner teachers do not need a descriptive theory but they need a _____.
 A) Pragmatic theory
 B) Perspective theory
 C) Prescriptive theory
 D) Predestination theory
- 20) علمِ طبیعت اور زندگی کے مسائل پر حل کی تلاش کا مطالعہ کیا ہے؟
 A) طبیعیاتی
 B) سماجی
 C) تاریخی
 D) روحانی
- 21) لہذا میں اپنے بانی کو گوارہ دیتا ہوں کہ وہ اپنی تمام اہمیتیں گھٹا کر دے اور میرے لئے رہے۔
 A) یہاں سے لے کر ان کے پاس
 B) یہاں سے لے کر ان کے پاس
 C) یہاں سے لے کر ان کے پاس
 D) یہاں سے لے کر ان کے پاس
- 22) $(34)_5 + (44)_5 =$ _____
 A) $(131)_5$
 B) $(133)_5$
 C) $(141)_5$
 D) $(143)_5$
- 23) The arithmetic mean of 13 numbers is 77. Find their sum.
 A) 901
 B) 1001
 C) 1171
 D) 1301
- 24) A simple machine which consists of toothed wheels of different sizes is called.
 A) Inclined plane
 B) Pulley
 C) Gear
 D) Lever
- 25) حضرت ابوہریرہؓ نے کہا: _____ کے اور بھی وقت تھے۔
 A) دین میں خدا کا
 B) اللہ کا نام
 C) اللہ کا نام
 D) اللہ کا نام
- 26) How many provinces Shah Jahan was the king of?
 A) 20
 B) 28
 C) 22
 D) 26
- 27) Characteristic of 0.006735 is:
 A) -2
 B) 2
 C) 3
 D) -3
- 28) For what value of k , the function $3x^3 + 9x^2 - (3k - 4)x + 2$ is completely divisible by $x - 1$.
 A) 2
 B) 4
 C) 6
 D) 8
- 29) If $x \propto \frac{1}{y}$ and $y \propto \frac{1}{z}$ then:
 A) $y \propto z$
 B) $x \propto z$
 C) $xy \propto z$
 D) $xz \propto y$

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- 33) The colour of Tin and Nickel are light.
 A) Brown
 B) Blue
 C) Pink
 D) Yellow
- 34) The axis toward the pointed end of seed is called _____
 A) Plumule
 B) Ovary
 C) Stigma
 D) Radicle
- 35) Which one of the following is not a primary pollutant?
 A) CO
 B) SO₂
- 41) When a metal does not show oxide or benzoate character, it is _____.
 A) Zinc oxide
 B) Copper
 C) Ferric oxide
 D) Nickel
- 42) Where are Faraz and Saad going?
 (Choose the sentence with correct capitalization and punctuation)
 A) Where are Faraz and Saad going?
 B) Where are Faraz and Saad going.
 C) Where are Faraz and Saad going!
 D) Where are Faraz and Saad going?
- 43) The common plant species found in desert habitat are cactus, ribiplus, acacia, palm and _____
 A) Foxtail
 B) Willow
 C) Bearberry
 D) Opuntia
- 44) An isotope of cobalt is used in the _____



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- C) 3-by-3
D) 3-by-1
- 77) A missile hit a 3000km distance target in 45 minutes. The speed of the missile in km/h is _____
- A) 2000km/h
B) 3000km/h
C) 4000km/h
D) 5000km/h

- B) Molluscs
C) Echinoderms
D) Worm
- 86) The central part of the earth is called core. Its temperature is about _____
- A) 3700°C
B) 4500°C
C) 5000°C
D) 5900°C

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- 87) The interaction in which one organism feeds on another organism (host) by living on or in its body by harming the host is called _____
- A) Symbiosis
B) Mycorrhiza
C) Parasitism
D) Saprophytism
- 88) _____ pronouns are personal pronouns that end with self or selves.
- A) Relative
B) Reflexive
C) Personal
D) Demonstrative
- 89) Arshad gave the dog a bone.
[Choose the indirect object in the sentence]
- A) Gave
B) Arshad
C) The dog
D) A bone
- 90) "It was the Rainbow gave thee birth" This line is taken from the poem _____ written by _____
- A) The Tiger, William Blake
B) The Nightingale, John Keats
C) The Daffodils, William Wordsworth
D) The Kingfisher, William Henry Davies
- 91) May you purchase a new car soon.
[Choose the correct passive voice]
- A) May a new car be purchased soon by you.
B) May a new car purchased soon by you.
C) May a new car be purchase soon by you.
D) May a new car be purchased soon by me.
- 92) My friend says to me, "You are not going to be punished."
[Change the narration]
- A) My friend tells me that I was not going to be punished.
B) My friend tells me that I am not going to be punished.
C) My friend told me that I am not going to be punished.
D) My friend tells me that you are not going to be punished.

93) جب صلیبہ کہہ رہی تھی کہ میں نے تم کو نہیں دیکھا تھا، اس کی سرکاری کے لیے حضرت
ابو بکر صدیق رضی اللہ عنہ نے فرمایا: "اے صلیبہ! کہہ کہ اب میں نے تم کو
نگاہ سے نہیں دیکھا تھا۔" اس کے بعد اس نے فرمایا: "اے صلیبہ! کہہ کہ اب میں نے تم کو
نگاہ سے نہیں دیکھا تھا۔"

- A) چھوڑنا
B) چھوڑنا
C) چھوڑنا
D) چھوڑنا

194) "اندر تیرے" کے کیا معنی ہیں؟

- A) تجھے
B) انہیں
C) تیری والدہ
D) والدین کے

195) جب حضور اکرم صلی اللہ علیہ وسلم نے حضرت ابو بکر صدیقؓ سے فرمایا کہ:

"تو اپنے صاحبزادے کے لیے دعا کر" تو انہوں نے فرمایا:

- A) "اللہم! عجل فرجه"
B) "اللہم! عجل فرجه"
C) "اللہم! عجل فرجه"
D) "اللہم! عجل فرجه"

- 96) When Pakistan was named as the Islamic Republic of Pakistan?
- A) In 1947
B) In 1957
C) In 1956
D) In 1973
- 97) In the presidential election of 1988, _____ was supported by PPP and UI.
- A) General Zia ul Haq
B) Muhammad Khan Junejo
C) Farooq Ahmad Khan Laghari
D) Ghulam Ishaq Khan
- 98) According to distance earth is the _____ closest planet to the sun.
- A) First
B) Second
C) Third
D) Fourth
- 99) Zero divided by any non-zero whole number is _____.
- A) 0
B) undefined
C) non-zero whole number
D) none of the above
- 100) What is the positive difference of the roots of $x^2 - 7x - 9 = 0$?
- A) $\sqrt{85}$
B) 14
C) 7
D) $3\sqrt{5}$

THE END



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- D) Compound complex
- 58) Identify the trigraph in the following words:
- A) Why
B) Dish
C) Schedule
D) Fish
- 59) The dog hurt _____ while playing.
[Choose the appropriate word]
- A) herself
B) himself
C) ourselves
D) itself

- A) -1
B) 13
C) 16
D) 19
- 67) Determine the quotient when $6n^2 + 5n + 12$ is divided by $2n + 3$.
- A) $2n - 3$
B) $3n - 2$
C) $3n + 2$
D) $2n + 3$
- 68) $\sqrt[3]{512} =$ _____
- A) 8
B) 9
C) 17
D) 27

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- 69) _____ words have the same ending sounds.
- A) Rhyming
B) Vowel
C) Consonant
D) None of the above
- 70) Choose the correct rhyming words in the following.
- A) Hat-Bed
B) Tug-lug
C) Book-pen
D) Tour-floor
- 71) In 44 sounds of English language, _____ are vowel sounds and _____ are consonant sounds.
- A) 15, 21
B) 19, 23
C) 30, 41
D) 20, 24
- 72) _____ is the rise and fall of voice while speaking.
- A) Intonation
B) Syllable
C) Metaphor
D) Simile
- 73) We spent last week in Nathia Gali.
[Identify the underlined word]
- A) Proper noun
B) Common noun
C) Countable noun
D) Abstract noun

74) جب کوئی غریب میٹائی جڑ پے گی رقوم اور کرنے سے قاصر ہوتے تو مایوسہ سدا ہے

الہین ایہ لہی آن کے ساتھ میٹاں کوں کرتے؟

- A) جڑ پے سہاگ کر دیتے
B) قید میٹاں ڈال دیتے
C) جڑ پے گی رقوم نہ پائی کے میٹائی اور کرتے
D) جڑ پے سہاگ کر دیتے

75) حضرت ہانیؑ کو آذان کے الفاظ کس نے سکھائے؟

- A) حضرت ابو بکر صدیقؓ رضی اللہ عنہ
B) ابو سعید خدریؓ رضی اللہ عنہ
C) حضرت عبداللہ بن مسعودؓ رضی اللہ عنہ
D) حضرت ابن مسعودؓ رضی اللہ عنہ

- 76) If matrix A is of order 2-by-3 and matrix B is of order 3-by-1, then the order of AB is:
- A) 2-by-3
B) 2-by-1
C) 3-by-3
D) 3-by-1
- 77) A missile hit a 3000km distance target in 45 minutes. The speed of the missile in km/h is _____.
- A) 2000km/h
B) 3000km/h
C) 4000km/h
D) 6000km/h

- 78) Confrontation with stage relevant task, Inquiry, transfer are the stages of:
- A) Taylor Model
B) Teaching Model
C) Concept Attainment Model
D) Interaction Analysis Model
- 79) The modern concept of the nature of tri-polar process of teaching is:
- A) Teacher, Pupil, Learning
B) Teacher, Class, Child
C) Teacher, Child, Subject
D) Teacher, Process, Child

80) نہ دے غنم کس نام کا لقب ہے؟

- A) ابراہیم خاق
B) مرزا غالب
C) غلام اقبال
D) میر تقی میر

81) اور ساری میں سے سچا وہ کون سا قول لیا ہے؟

- A) قرآن
B) قرآن
C) رسالت
D) انہی دینے کے نام

82) توانہ کی را سے تیز و صوبہ گرم در، سایہ در پائی کون سے الفاظ ہیں؟

- A) ملیر لالہ
B) خزانہ لالہ
C) خزانہ لالہ
D) خزانہ لالہ

- 83) The pancreas secretes pancreatic juice which breakdown the:
- A) Proteins and sugars
B) Fats and proteins
C) Carbohydrates and fats
D) Sugars and fats
- 84) The strawberries and cactus plants reproduce asexually by:
- A) Cutting
B) Grafting
C) Layering
D) Runners
- 85) The body remain attached to the stone, full of pores externally and internally canals.
[The above are the general characteristics of which group of organisms]
- A) Sponges
B) Molluscs
C) Echinoderms
D) Worm
- 86) The central part of the earth is called core. Its temperature is about _____.
- A) 3700°C
B) 4500°C
C) 5000°C
D) 5900°C



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- 36) Acids are used to make aqua regia, which of the following noble metals can be dissolved in it?
- Platinum, Iridium, silver
 - Platinum, palladium, Iridium
 - Silver, osmium, Iridium
 - Platinum, palladium, gold
- 37) Which one of the following salts is commonly known as Epsom salt?
- Copper sulphate ($\text{CuSO}_4 \cdot \text{H}_2\text{O}$)
 - Sodium carbonate (Na_2CO_3)
 - Magnesium sulphate ($\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$)
 - Sodium hydrogen carbonate (NaHCO_3)
- 38) "And all day long the sun plays hide and seek with the shadows"
[Which figurative device is used in the poetic line?]
- Simile
 - Metaphor
 - Personification
 - Alliteration
- 39) Maha eats an egg daily.
[Identify the underlined word]
- Action word
 - Verb
 - Noun
 - Both (A) & (B)
- 40) The word, "cat" is the _____ of the word, "act".
- Anagram
 - Syllable
 - Intonation
 - Homonym
- Treatment of cancer
 - Treatment of goiter
 - Leakage of pipelines
- 45) The speed of sound in blood at 37°C is:
- 322m/s
 - 1531m/s
 - 1570m/s
 - 3362m/s
- 46) A fable is a short story with _____ characters.
- Human
 - Machine
 - Animal
 - None of the above
- 47) There are _____ syllables in the word "carpenter".
- 1
 - 3
 - 2
 - 4
- 48) I complete my homework.
[Identify the object in the sentence]
- My homework
 - I
 - Complete
 - Both (B) & (C)
- 49) Choose the imperative sentence in the following.
- He likes coffee.
 - Does she not play badminton?
 - Sit down.
 - Will you come tomorrow?
- 50) A cloud passed in front of the moon.
[Identify the compound preposition in the sentence]
- The moon
 - In front of
 - Passed
 - A cloud

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- 52) Which one of the following is not a derived quantity?
- KH
 - S
 - m^2
 - m
- 53) The general generator works on the principle of:
- Electromagnetic force
 - Magnetism
 - Electromagnetic induction
 - Electrostatic
- 54) Which technology is used to produce a lighter breathing system for fire fighters?
- Global positioning system
 - Sky Lab
 - Cordless
 - Apollo
- 55) My dress is in the central laundry.
[Identify the possessive adjective]
- My
 - Dress
 - Central
 - Laundry
- 56) The word, "frightened" means.
- Happy
 - Confused
 - Excited
 - Afraid
- 57) Alia and Saira are working and playing at the same time.
[Identify the type of sentence]
- Simple
 - Compound
 - Complex
- 62) From where the skill of handicraft is inherited to Pakistani people's?
- From Indians
 - From Britain
 - From Ancient Times
 - From Iranians
- 63) The all India Muslim League's meeting was held in Delhi on 20th March 1927, under the leadership of Quaid-e-Azam. He presented a set of proposals called:
- Shimla Proposals
 - Revolution Proposals
 - Bombay proposals
 - Delhi Proposals
- 64) The earth has _____ types of movements at the same time.
- three
 - five
 - six
 - two
- 65) The reciprocal of $\cos\theta$ is:
- $\sin\theta$
 - $\sec\theta$
 - $\csc\theta$
 - $\cot\theta$
- 66) Find the value of $a^2 + b^2$, when $a - b = 3$ and $ab = 5$:

- 114) $\sin^{-1}(\sin \frac{\pi}{6}) =$ _____
 115) $\cos^{-1}(\cos \frac{\pi}{3}) =$ _____
 116) $\tan^{-1}(\tan \frac{\pi}{4}) =$ _____
 117) _____ is the repetitive bonding of small molecules to produce large molecules.
 118) What is the process of splitting the nucleus of an atom into smaller units?
 119) A positively charged ion in a compound is called _____
 120) Which of the following galaxies have no definite shape?
 121) Our sun was formed in a cloud of gas and dust about _____
 122) A chord is 3cm from the center of a circle of radius 5cm. The length of the chord is _____
 123) $\tan^{-1} 1 + \cot^{-1} 1 =$ _____

- 24) Find θ when $t = 45\text{cm}$ and _____
 25) Sum of the roots of equation $x^2 - 3x - 4 = 0$ is _____
 26) Writing a number as the sum of the place value of its digits is called _____
 27) Identify the word to which prefix is added.
 28) Asad's camera. [Name the punctuation used for possession]
 29) Ralph Waldo Emerson is the writer of _____
 30) In a poem the words "gold, old, bold" are _____ words.
 31) It was an idyllic day. [Identify the meaning of the underlined word]
 32) General Zia ul Haq ruled Pakistan from _____
 33) Who enforced the Basic Democracies System in October, 1959 to introduce a new Political System in the Country?

SCREENING TEST FOR RECRUITMENT OF PRIMARY SCHOOL TEACHER
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL TIME: 90 MINUTES. TOTAL MARKS: 100

- 1) We stayed in a hotel.
[Identify the underlined gender noun:]
 A) Neuter
 B) Masculine
 C) Feminine
☒ D) Common
- 2) A noun or pronoun for whom or to whom the action is directed is known as
 A) Subject
 B) Direct object
☒ C) Indirect object
 D) None of the above
- 3) A conversation between two or more people is called:
 A) Speech
 B) Lecture
 C) Noise
☒ D) Dialogue
- 4) Select the word that begins with consonant cluster.
☒ A) Huge
 B) Spring
 C) Title
 D) Line
- 5) A/An ____ is added to the base form of word to change its meaning.
 A) Suffix
☒ B) Prefix
 C) Affix
 D) None of the above
- 6) What percentage of the total natural gas consumption in the country goes into the manufacture of fertilizers?
 A) 37
 B) 24
☒ C) 29
 D) 33
- 7) What does the unjust distribution of wealth means?
 A) Rich become Richer
 B) Poor become poor
☒ C) Poor become poor and rich become richer

8) Where is Sulphur widely used in chemical industries?

- A) In manufacture of medicine
- ☒ B) In manufacture of explosive
- C) In manufacture of soap
- D) In manufacture of tobacco

9) 26 ویں قندھ کی وادی بحری کوہِ احمد نے شل لہا کر چار اور تہہ پانچ کی
 ہر قندھ کے بعد سیدہ خور سے ہم نکلے وہاں رات گزاری

1A تہہ پانچ

☒ 1B رات

1C مٹی

1D مزاح

10) غزوہ تبوک کے موقع پر کون اپنے سواروں کو لے کر تہہ پانچ میں جا خیمہ

1A عثمان ابن مظہر

1B مالک بن نویر

1C عبدالرحمن بن مالک

☒ 1D عباس ابن مظہر

11) قرآن مجید میں ہے کہ ان کے ہاں سے ہم لڑتے ہیں تو _____ ہوتا

غل سے کام لیتے ہیں بلکہ میدانِ دینی اختیار کرتے ہیں۔

1A ترک دینا نہیں کرتے

1B اہل اللہ نہیں آتے

1C غلام نہیں کرتے

☒ 1D دیکھنا نہیں کرتے

12) _____ occurs when teachers use evidence of students learning to make judgments on student achievements against goals and standards.

- A) Assessment for learning
- B) Assessment from learning
- C) Assessment as learning
- ☒ D) Assessment of learning

13) Formative assessment generates timely student achievement information to evaluate:

- A) Instructional effectiveness
- B) What's student did or did not learn
- C) What student can or cannot do
- ☒ D) What student wants to do

71) The ureter is a tube that carries urine to the

- A) Urinary bladder
- B) Urethra
- C) Pelvis
- D) Renal tubule

72) The breakdown of proteins produced which of the following waste product?

- A) Ammonia
- B) Urea
- C) Uric acid
- D) All of the above

73) If $42 \div 6 = 7$, then the divisor is:

- A) 0
- B) 6
- C) 42
- D) 7

74) Every number has at least _____ factors.

- A) 1
- B) 2
- C) 3
- D) Infinite

75) Which of the following number is divisible by 4?

- A) 538
- B) 7230
- C) 9128
- D) 1046

76) $|-4| =$

- A) 4
- B) -4
- C) ± 4
- D) All of the above

77) () is:

- A) Parenthesis
- B) Curved brackets
- C) Circled bracket
- D) All of the above

78) "And silent sank and soared to sing."

[Identify the literary device used in the line.]

- A) Simile
- B) Metaphor
- C) Alliteration
- D) Personification

79) Choose the correct number of syllables in "Television"

- A) 3
- B) 4
- C) 2
- D) 5

80) Identify the possessive pronouns:

- A) His, her, ours, mine
- B) Go, eat, drink
- C) Bat, ball, pitch
- D) I, you, he

81) You are my sunshine?

[Which figurative device is used?]

- A) Simile
- B) Metaphor
- C) Alliteration
- D) Personification

82) _____ is re-writing a poem's stanza into prose shape.

- A) Paraphrase
- B) Paragraph
- C) Article
- D) Speech

83) In which year Russia attacked Afghanistan.

- A) 1981
- B) 1980
- C) 1977
- D) 1979

84) "سینکھو" کی کیا جگہ ہے؟

A) روسا کی بجائے

B) سوئٹزرلینڈ کی بجائے

C) اس کے نیچے

D) وہ کھائیں گئے

85) "میرا دل" تو اس کی رات کو اس کے گھر کی طرف ہے؟

A) میری طرف

B) میری طرف

C) میری طرف

D) میری طرف

86) Chromosomes, gene and _____ are the basis of heredity.

- A) Nucleotide
- B) Nucleoside
- C) Nucleosome
- D) DNA

87) The colour of methyl orange in Alkali is:

- A) Red
- B) Blue
- C) Deep blue
- D) Yellow

88) Electric fire alarm works on the principle of:

- A) Contraction
- B) Heat transfer
- C) Expansion
- D) Conduction

89) The distance between the focal point and optical centre is called _____.

- A) Focal length
- B) Optical centre
- C) Principal axis
- D) Principal focus

90) The electrolyte used in dry cell is a paste of:

- A) Ammonium hydroxide
- B) Ammonium chloride

34) The Hindu society divided into four different castes, with regard to their:

- A) Religion
- B) Tribe
- C) Professions
- D) Qualification

35) حضرت محمد ﷺ کی زندگی میں قرآن و حکم شریعت کی ابتدا

_____ کی طرف سے

A) نبی کریم ﷺ

B) انصار

C) صحابہ کرام

D) قرآن مجید

36) "اندرنی آواز سے روکو سورج اٹھنے سے پہلے اور ستارے چلنے سے پہلے"

A) آیت ہے

B) حدیث ہے

C) قول ہے

D) حدیث کی ہے

37) بگڑی ہوئی مارت شرقی ہوئی

A) لڑ

B) رونا

C) زلزلہ

D) جھنجھ

38) _____ usually compares the student's learning either with other student's learning on the standard for a grade level.

- A) Assessment for learning
- B) Formative assessment
- C) Summative assessment
- D) Descriptive assessment

39) According to Surgeon summarized the role of assessment in learning as following points except:

- A) It fulfils student's expectations
- B) Capturing teacher time and attention
- C) It indicates readiness for progression
- D) Assessments enables grading and degree classification

40) عینہ اور انیسویں نے امتحان کیا تو

A) ٹی ٹی

B) برسرِ حلقہ

C) ٹی ٹی

D) ٹی ٹی

41) سائنس دانوں نے کائنات کی ابتدا

A) 1911

B) 1912

C) 1913

D) 1914

42) سائنس دانوں نے کائنات کی ابتدا

A) 1911

B) 1912

C) 1913

D) 1914

43) One kilowatt hour is the energy:

- A) 1000000 joule
- B) 8000000 joule
- C) 7200000 joule
- D) 3600000 joule

44) Geo stationary satellites keep pace with the earth and complete one orbit in:

- A) Two days
- B) One day
- C) Three days
- D) Six days

45) Which living thing was sent by Soviet Union in space on 3rd Nov, 1957:

- A) Rat
- B) Monkey
- C) Duck
- D) Dog

46) The word "atom" is derived from Greek word:

- A) Atamos
- B) Atomos
- C) Atoms
- D) Atomes

47) Solubility of a solute depends upon:

- A) The quantity of solvent
- B) The quantity of solute
- C) The temperature of the solution
- D) All of the above

48) There are 243 rows of apples trees in a farm. If each row has 21 apple trees, find the total trees in the farm.

- A) 5093
- B) 5013
- C) 4093
- D) None of the above

49) Faraz read 49.5 pages of a book in 11 hours. Find the number of pages he read in 1 hour.

- A) 4.2
- B) 4.3
- C) 4.4
- D) 4.5

50) Which of these is straight angle?

- A) 75°
- B) 215°
- C) 180°
- D) 90°

51) 0.6mm = _____

- A) 0.06cm
- B) 6cm
- C) 6.6cm
- D) 60cm

52) Solve $9 - 3x = 12$, for x:

- A) 1
- B) -1
- C) 3
- D) -3

91) $2 \times 2 + 2 \div 2 =$ _____

- A) 2
~~B) 3~~
 C) 4
~~D) 5~~

- 92) Imaid has Rs. 600. He gave one-fourth to Awwis and half of the remaining to Hamza. How much amount is left with him?

- A) Rs. 50
~~B) Rs. 125~~
 C) Rs. 200
 D) Rs. 225

- 93) The ratio of 3 feet to 16 inches as a fraction in simplest form can be written as:

- A) $\frac{3}{16}$
 B) $\frac{3}{10}$
~~C) $\frac{3}{10}$~~
 D) $\frac{3}{16}$

- 94) Find the value of x such that the proportion $x : 12 :: 3 : 4$ is true.

- ~~A) 3~~
 B) 4
 C) 9
 D) 12

- 95) $x < 3$ is:

- A) True sentence
 B) False sentence
~~C) Open sentence~~
 D) Closed sentence

- 96) We should not waste our time watching TV.
 [Identify the helping verb in the sentence.]

- ~~A) Waste~~
 B) Watching
 C) We
 D) Should

- 97) He wanted to read that book.

[Identify the underlined phrase:]

- ~~A) Main verb~~
 B) Modal verb
 C) Linking verb
 D) Infinitive

- 98) "Continuous as the stars that shine"

[This line is taken from the poem _____:]

- ~~A) The Daffodils~~
 B) Hope is the Thing with Feathers
 C) Abou Ben Adhem
 D) The Nightingale

- 99) I ran the obstacle course in record time.

[Change the voice:]

- A) The obstacle course has run by me in record time.
~~B) The obstacle course is run by me in record time.~~
 C) The obstacle course was run by me in record time.
 D) The obstacle course had run by me in

- 100) He said, "What can I do for you?"

[Change the narration:]

- A) He asked what he could do for me.
~~B) He asked what he can do for me.~~
 C) He asked what he would do for me.
 D) He asked what he should do for me.

THE END

- 14) "مکڑیوں کی طرح لپکتا ہے" (14)
 A) مرنے والا ہوتا ہے
 B) کھڑکھڑاتا ہے
 C) ہلچل مچاتا ہے
 D) تھوڑا سا ہوتا ہے
- 15) "مکڑیوں کی طرح لپکتا ہے" (15)
 A) مرنے والا ہوتا ہے
 B) کھڑکھڑاتا ہے
 C) ہلچل مچاتا ہے
 D) تھوڑا سا ہوتا ہے
- 16) "مکڑیوں کی طرح لپکتا ہے" (16)
 A) مرنے والا ہوتا ہے
 B) کھڑکھڑاتا ہے
 C) ہلچل مچاتا ہے
 D) تھوڑا سا ہوتا ہے
- 17) _____ is the repetitive bonding of small molecules to produce large molecules.
 A) Polymerization
 B) Potential difference
 C) Polymorphism
 D) Neutralization
- 18) What is the process of splitting the nucleus of an atom into smaller units?
 A) Fusion
 B) Diffusion
 C) Fission
 D) Diffusion
- 19) A positively charged ion in a compound is called:
 A) Cation
 B) Anion
 C) Neutral ion
 D) All of the above
- 20) Which of the following galaxies have no definite shape?
 A) Elliptical galaxies
 B) Spiral galaxies
 C) Irregular galaxies
 D) None of the above
- 21) Our sun was formed in a cloud of gas and dust about:
 A) 5.9 billion years ago
 B) 4.5 billion years ago
 C) 4.1 billion years ago
 D) 3.9 billion years ago
- 22) A chord is 3cm from the center of a circle of radius 5cm. The length of the chord is:
 A) 8cm
 B) 6cm
 C) 4cm
 D) 2cm
- 23) $\tan \theta + \cot \theta =$ _____
 A) $\sec \theta$

- 24) Find θ when $t = 4500$ mm.
 A) 5 radians
 B) 6 radians
 C) 9 radians
 D) 15 radians
- 25) Sum of the roots of equation $x^2 - 7x - 4 = 0$ is:
 A) 3
 B) -3
 C) 4
 D) -4
- 26) Writing a number as the sum of the place value of its digits is called _____.
 A) Closed form
 B) Open form
 C) Expanded form
 D) Standard form
- 27) Identify the word to which prefix is added.
 A) Spotless
 B) Dislike
 C) Logical
 D) Happiness
- 28) Asad's camera.
 (Name the punctuation used for possession.)
 A) Apostrophe
 B) Comma
 C) Period
 D) Semi Colon
- 29) Ralph Waldo Emerson is the writer of.
 A) A Nation's Weakness
 B) A Nation's Strength
 C) A Nation's Slogan
 D) A Nation's Loyalty
- 30) In a poem the words "gold, old, bold" are _____ words.
 A) Rhyming
 B) Matching
 C) Similar
 D) Synonym
- 31) It was an idyllic day.
 (Identify the meaning of the underlined word.)
 A) Peaceful
 B) Disturbing
 C) Full of noise
 D) Irritating
- 32) General Zia ul Haq ruled Pakistan from:
 A) 1975 to 1986
 B) 1976 to 1987
 C) 1977 to 1988
 D) 1978 to 1989
- 33) Who enforced the Basic Democracies System in October, 1959 to introduce a new Political System in the Country?
 A) Iskandar Mirza
 B) Ayub Khan
 C) Khwaja Nazim Ud Din
 D) Muhammad Ali Jinnah

- 48) Two vertical angle measure $2x$ and 80° . How many degrees are there in x .
- A) 10°
B) 40°
C) 100°
D) 120°
- 49) $4ab^2c^3$ is _____
- A) Monomial
B) Binomial
C) Trinomial
D) None of the above
- 50) $\frac{5}{3}$ is _____ decimal.
- A) Terminating
B) Non-terminating and non-recurring
C) Non-terminating and recurring
D) All of the above
- 51) Which of the following is the greatest rational number?
- A) $-\frac{4}{9}$
B) $-\frac{5}{6}$
C) $-\frac{1}{3}$
D) $-\frac{2}{3}$
- 52) The number of digits in the square root of 15129 is:
- A) 1
B) 2
C) 3
D) 4
- 53) I want to be a good person.
[Identify the type of sentence:]
- A) Exclamatory
B) Imperative
C) Negative
D) Declarative
- 54) Identify the transitional devices in the following.
- A) At this time, after, finally
B) Is, am, are
C) Go, Play, Rule
D) Patience, Anger, Love
- 55) The cat drank the milk from the saucer.
[Choose the correct kind of noun for the underlined words:]
- A) Abstract, common, common
B) Proper, common, concrete
C) Common, uncountable, common
D) Concrete, Abstract, proper
- 56) Smoking is injurious to health.
[Describe the underlined word:]
- A) Verb
B) Gerund
C) Infinitive
D) Pronoun

- 57) He was the _____ thief of all.
[Choose the correct degree of adjective:]
- A) Clever
B) Cleverer
C) Cleverest
D) Very clever
- 58) علامہ امین فطوویں والی تاج فیس کے پاس کس مہر سے فائز تھے؟
- A) سپہ سالار
B) وزیر
C) شہسوار
D) کاتب
- 59) فرود جوتک کے موقع پر حضرت علیؓ کو مدد ملنے سے حضورؐ کی خدمت اقدس میں کتنے دیباچے پیش کئے؟
- A) چالیس ہزار دینار
B) تیس ہزار دینار
C) دس ہزار دینار
D) پانچ ہزار دینار
- 60) اللہ تعالیٰ کا ارشاد ہے کہ "لوگو! تم کو زیادہ سے زیادہ مال سنبھالنے کی تلقین ہے۔" خطبات میں ڈاکٹر کمالیہاں نے کہا کہ تم نے قبریں چاؤ کیسیں۔ یہ آیت قرآن مجید کی کون سی سورت میں ہے؟
- A) سورہ البقرہ
B) سورہ الزمر
C) سورہ النور
D) سورہ النکاح
- 61) What Theory is that the World and Man is governed by Order and Regularity?
- A) Reconstructionist theory
B) Evolution theory
C) Progression theory
D) Essentialist theory of reality
- 62) Acid and carbonates react together to produce:
- A) Salt
B) Carbon dioxide
C) Water
D) All of the above
- 63) The prefix femto refers to:
- A) 10^{12}
B) 10^{-12}
C) 10^{15}
D) 10^{-15}
- 64) Red + blue litmus paper when dipped in neutral solution remain:
- A) Blue
B) Red
C) Purple
D) Unchanged
- 65) Which one among the following salt is used as a laxative to treat constipation?
- A) Sodium chloride
B) Magnesium sulphate
C) Sodium carbonate
D) Potash alum

- 14) Renal tubules consist of:
 A) Proximal convoluted tubule
 B) Loop of Henle
 C) Distal convoluted tubule
 D) All of the above
- 15) Major breakthrough in biotechnology of the 20th century include:
 A) Identification of living cell and bacteria
 B) 3D structure of Protein
 C) Completion of human genome sequence
 D) Invention of bionic leg
- 16) The General Elections were held in _____ Provinces of India from February to March, 1937.
 A) Seven
 B) Nine
 C) Eleven
 D) Fifteen
- 17) Pakistan Industrial Development corporation (P.I.D.C) established in:
 A) 1947
 B) 1949
 C) 1951
 D) 1955
- 18) The 3rd June Plan was worked out by:
 A) Lord Wavell
 B) Lord Canning
 C) Lord Mountbatten
 D) Jawahar Lal Nehru

(19) - "بچہ" سے کیا مراد ہے؟

(A) روٹنی کا بچہ

(B) تاریخی اشارہ

(C) شاعری مجموعہ

(D) جہول سے منسوب

(20) وقار اور سکون کے قاعدے کو مد نظر رکھتے ہوئے درج ذیل میں سے درست جملہ منتخب کریں؟

(A) وادی مری، وادی کاکان، وادی ٹلیم، پاکستان کی خوب صورتی میں

اشفاق کرتی ہیں۔

(B) وادی مری، وادی کاکان، وادی ٹلیم، پاکستان کی خوب صورتی میں

اشفاق کرتی ہیں۔

(C) وادی مری، وادی کاکان، وادی ٹلیم، پاکستان کی خوب صورتی میں

اشفاق کرتی ہیں۔

(D) وادی مری اور وادی کاکان، وادی ٹلیم، پاکستان کی خوب صورتی میں

اشفاق کرتی ہیں۔

(21) اشعار کا وہ مجموعہ جس میں محسنی منسل خیال یا موضوع کی وضاحت ہوتی ہے، کیا کہلاتا ہے؟

(A) غزل

(B) نظم

(C) انشائیہ

(D) فکشن

- 22) Find the length of an arc of a circle of radius 6cm which subtend an angle of 30° at the Centre.
 A) 1.14cm
 B) 2.14cm
 C) 3.14cm
 D) 4.14cm
- 23) In fraction $8\frac{1}{3}\%$ can be written as:
 A) $\frac{1}{12}$
 B) $\frac{25}{12}$
 C) $\frac{4}{1}$
 D) $\frac{8}{3}$
- 24) Find the value of k that makes $6 = \frac{4.8}{k}$ true.
 A) 0.6
 B) 0.7
 C) 0.8
 D) 0.12
- 25) If $U = \{1, 2, 3, 4, 5\}$, $A = \{2, 3, 4\}$ and $B = \{1, 3, 5\}$ then $(A \cup B)'$ = _____.
 A) $\{ \}$
 B) $\{1, 2, 4, 5\}$
 C) $\{2, 4\}$
 D) $\{1, 5\}$
- 26) Find the surface area of a cylinder whose radius is 7cm and its height is 33cm.
 A) 1445 cm^2
 B) 1680 cm^2
 C) 1760 cm^2
 D) 1820 cm^2
- 27) The patient is sleeping.
 [Identify the gender of the underlined noun]
 A) Common
 B) Masculine
 C) Neuter
 D) Feminine
- 28) Identify the word with inflectional morpheme.
 A) Speak
 B) Bat
 C) Excited
 D) Green
- 29) She had extremely catching eyes.
 [Identify the underlined words:]
 A) Noun phrase
 B) Phrasal verb
 C) Adjective phrase
 D) Adjective clause
- 30) She _____ (play) for two hours.
 [Identify the correct form of past perfect continuous tense:]
 A) She had playing for two hours.
 B) She had played for two hours.
 C) She had been playing for two hours.
 D) She had been playing since two hours.

31) "over my head" is a/an _____

- A) Phrase
- B) Independent clause
- C) Subordinate clause
- D) Adjective clause

(32) درج ذیل میں سے کس قرآن روا نے حضورؐ کی موت پر اسلام قبول کیا؟

- (A) ابو ذر بن علی
- (B) متو قس
- (C) کسری
- (D) منور بن سادی

(33) جب حضورؐ نے ہجرت کے پہلے سال عمر کے لیے مکہ مکرمہ جانے کا ارادہ فرمایا تو تقریباً کتنے سالہ تھے؟

- (A) دو سال
- (B) چار سال
- (C) نو سال
- (D) تین سال

(34) سلطان صلاح الدین ایوبی کی بدولت کتنے سال ہندوستان المتحد مسلمانوں کے قبضے میں آیا؟

- (A) 70 سال
- (B) 78 سال
- (C) 80 سال
- (D) 88 سال

35) The word "curriculum" is derived from _____ word.

- A) Persian
- B) Greek
- C) Latin
- D) Arabic

36) In primary grades the teachers should teach fundamental skills such as:

- A) Reading, writing, computational and research
- B) Exploration of history
- C) Exploration of art and drama
- D) Both (B) & (C)

37) Herbicides are:

- A) Insect killing chemicals
- B) Bacteria killing chemicals
- C) Weed killing chemicals
- D) None of the above

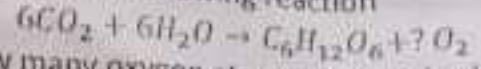
38) Metal is a substance that is:

- A) Opaque
- B) Lustrous
- C) Malleable
- D) All of the above

39) Identify non-metal with high density:

- A) Graphite
- B) Hydrogen
- C) Diamond
- D) Helium

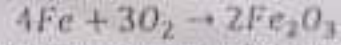
40) Consider the following reaction



How many oxygen atoms are required to balance the above equation?

- A) 2
- B) 4
- C) 6
- D) 8

41) Consider the following equation



The combine mass of the reactants is for example 320 grams the mass of the product will be:

- A) Greater than the reactant
- B) Less than the reactant
- C) Same as that of reactant
- D) Either (A) or (B)

42) There are _____ methods of showing scale on the map.

- A) two
- B) three
- C) four
- D) five

43) When did Mahmood Ghaznavi successful attack on Somnath?

- A) In 1022 A.D
- B) In 1019 A.D
- C) In 1025 A.D
- D) In 1023 A.D

44) When Muhammad Bin Qasim attacked Sindh, the strength of the army at that time was _____ thousand soldiers.

- A) 10,000
- B) 14,000
- C) 8,000
- D) 12,000

(45) مندرجہ جہاں کس شاعر کا اصل نام ہے؟

- (A) ابو جعفری
- (B) پروین شاکر
- (C) نوشی بیانی
- (D) صبا

(46) "کل" .. کجاء ترکیب سے ہے؟

- (A) اسم ذات
- (B) اسم ظرف مکان
- (C) اسم ظرف زماں
- (D) اسم کثر

(47) مشہور نظم "مددِ اسلام" _____ نے لکھی ہے۔

- (A) نظیر اکبر آبادی
- (B) سر سید احمد خان
- (C) الطاف حسین حالی
- (D) علامہ اقبال

- 85) Which of the following planet is known as Morning star?
 A) Mars
 B) Jupiter
 C) Venus
 D) Saturn
- 86) What does a mason use to keep a wall vertical?
 A) Plumb line
 B) Triangle
 C) Spirit level
 D) Metre rule
- 87) Screw driver is an example of:
 A) Pulley
 B) Wheel and axle
 C) Wedge
 D) Lever
- 88) If the pressure of a certain amount of gas is reduced to $1/4^{\text{th}}$ of its initial pressure at a fixed temperature, then what would be its final volume
 A) 4 times
 B) 5 times
 C) 6 times
 D) 7 times
- 89) Ibn-e-Batota was born in:
 A) Morocco
 B) Egypt
 C) Syria
 D) Jordan

90) ایسے حروف جو جوش، خوشی، اور فہم میں بے اختیار زبان سے نکلیں یا نکلا جائیں۔

- (A) حروف شرط
 (B) حروف تہذیب
 (C) حروف استفہام
 (D) حروف فیء

- 91) Decimal form of $8^{\circ}15'36''$ is:
 A) 8.16
 B) 8.26
 C) 8.35
 D) 8.45
- 92) The point where the internal bisectors of the angles of a triangle meet is called _____ of a triangle.
 A) Median
 B) Incentre
 C) Centroid
 D) Altitude
- 93) Find the point on the x-axis which is equidistant from (0, 1) and (3, 3).
 A) (0, 2)
 B) (0.5, 2)
 C) (1.5, 2)
 D) (2.5, 2)

- 94) What is the solution of the two equations $x - y = 5$ and $2x + y = 1$.
 A) $\{(2, 3)\}$
 B) $\{(3, 2)\}$
 C) $\{(-2, 3)\}$
 D) $\{(2, -3)\}$

- 95) Solve $75 - 9t = 5(-4 + 2t)$.
 A) -5
 B) -4
 C) 4
 D) 5

- 96) Spring time is the most beautiful.
 [Identify the underlined word:]
 A) Verb phrase
 B) Article
 C) Noun phrase
 D) Model verb

- 97) The nearest possible meaning to "impeccable" is:
 A) Without mistakes
 B) Full of mistakes
 C) Erasable
 D) Polished

- 98) Words or phrases that help carry a thought from one point to another is called.
 A) Modifiers
 B) Transitional devices
 C) Model verbs
 D) None of the above

- 99) Identify the phrase in the following.

- A) I go
 B) By virtue of
 C) Come
 D) You live here

- 100) The poetic lines, "Little drops of water, Little grains of sand" are taken from:

- A) Little Things
 B) A Nation's Strength
 C) The Stream Where I Played
 D) The Daffodils

THE END

66) The speed of sound is maximum in:

- A) Air
- B) Water
- C) Iron
- D) Space

67) Which of the following is one of the largest donors of Aid to Pakistan?

- A) Saudi Arabia
- B) China
- C) European Union
- D) Russia

68) At what age Ashoka became a king.

- A) When he was only 20 years old
- B) When he was only 17 years old
- C) When he was only 25 years old
- D) When he was only 18 years old

69) Diplomatic ties between Pakistan and _____ were established in 1952.

- A) India
- B) Afghanistan
- C) Japan
- D) Turkey

70) یہ مصرع کس شاعر کا ہے؟ "وہ قلب الدین وہ مرد مجاہد جس کی ہمت سے"

- A) علامہ اقبال
- B) حفیظ جالندھری
- C) الغائب حسین مہدی
- D) جوش ملیح آبادی

71) درج ذیل قواعد کی رائے سے کس قسم کا مرکب ہے۔

- A) مرکب تسم
- B) مرکب اضافی
- C) مرکب جہدی
- D) مرکب ملحق

72) "کیڑے، حل جئے" یہ کون سا فعل ہے؟

- A) فعل ماضی
- B) فعل مہروف
- C) فعل مجہول
- D) فعل ماضی

73) If the area of a square shaped field of sunflowers is $2704m^2$, find the perimeter of the field.

- A) 152m
- B) 196m
- C) 208m
- D) 244m

74) Decimal form of $(143)_8$ is:

- A) 99
- B) 107
- C) 113
- D) 121

75) If Rs.700 is invested at 4% per year. How long will it takes for the amount to reach Rs.784?

- A) 2 years
- B) 3 years
- C) 4 years
- D) 5 years

76) Degree of the polynomial $8x^3y^2$ is:

- A) 2
- B) 3
- C) 5
- D) 8

77) What is the remainder when $2x^2 + 1$ is divided by $x - 1$?

- A) 1
- B) 2
- C) 3
- D) 5

78) He is very weak. He cannot walk.

[Choose the option with correct combination of the above two sentences by using an infinitive:]

- A) He is very weak and cannot walk.
- B) He is very weak and therefore cannot walk.
- C) He is very weak to walk.
- D) He is very weak in walking.

79) Can you see that plane?

[Identify the underlined adjective:]

- A) Demonstrative adjective
- B) Indefinite adjective
- C) Possessive adjective
- D) Article

80) "The torch of gold is borne"

[Which figurative device is used in the line?]

- A) Personification
- B) Simile
- C) Metaphor
- D) Alliteration

81) "And music singing in the hills".

[Identify the figurative device in the line:]

- A) Alliteration
- B) Metaphor
- C) Simile
- D) Personification

82) The master said to the servant, "Bring a new flower today".

[Change the narration:]

- A) The master ordered the servant to bring him a new flower today.
- B) The master ordered the servant to bring you a new flower that day.
- C) The master says the servant to bring him a new flower that day.
- D) The master ordered the servant to bring him a new flower that day.

83) جب حضرت علی رضی اللہ عنہ سے قلمی قلموں کی بات ہوئی تو:

- A) یہودیوں پر تلوار آور ہوئے۔
- B) یہودیوں سے جزیہ وصول کیا۔
- C) یہودیوں کو دعوت اسلام دی۔
- D) یہودی وہاں سے بھاگ گئے۔

84) The earth behaves like a huge:

- A) U magnet
- B) Bar magnet
- C) Disc magnet
- D) Ring magnet

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KHYBER PAKHTUNKHWA

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- 5) Words having same sound but different meanings and spellings are known as _____.
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16) جب ایک تھوڑے سے حصہ سے سوال کیا تو آپ نے اس سائل کی چیزیں درج نام میں لکھ دیں، تاکہ وہ ایک ری اور کھڑی خرید کر گزریاں گات کر لیا کرے؟

- 1A
1B
1C
1D

- 17) تصوف میں حضرت فرید الدین گنج شکر کا سالہ کون سا تھا؟
A) 1200
B) 1201
C) 1202
D) 1203
- 18) اللہ تعالیٰ کا ارشاد ہے کہ "بے شک فلاں مومنوں پر اوقات مقررہ ہیں اور اگر باخبر کسی ہے" یہ آیت قرآن مجید کی کون سی سورت میں ہے؟
A) سورۃ البقرہ
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- 11 (A) 12 (B) 13 (C) 14 (D)

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FB/ABDULLAH INQILABI

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در ہم میں لکھ دیں، تاکہ وہ ایک ری اور کچھ داری خرید کر گزریاں لکھ کر

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1A

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چنا کر ہے؟

11 (A)

12 (B)

13 (C)

14 (D)

(A) قادریہ

(B) سیوریہ

(C) چشتیہ

(D) نقشبندیہ

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16) جب ایک تہذیب کے خاتمے سے سوال کیا تو آپ نے اس سائنس کی چیزیں

درج ذیل میں بتلا دیں، تاکہ وہ ایک نئی اور کھپڑی خرید کر گزریاں لکھ کر

بچا کرے؟

17 (A)

18 (B)

19 (C)

20 (D)

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(C) 1202

(D) 1203

18) اللہ تعالیٰ کا ارشاد ہے کہ "بے شک تمہارے مومنوں پر اوقات مقرر ہو گئی ہیں اور

کتاب میں ہے "یہ آیت قرآن مجید کی کون سی سورت میں ہے؟

(A) سورۃ البقرہ

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FB/ABDULLAH INQILABI

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[Choose its plural form]

- A) Small cars is great vehicles.
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- D) Strong

5) Words having same sound but different meanings and spellings are known as _____

- A) Trigraph
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- D) Digraph

16) بیب ایک سمدرست شخص نے حضور سے سوال کیا تو آپ نے اسے اس بات کی چیزیں
دے دیں جن میں سے ایک روٹی اور ایک دھات کی چیز تھی۔

تین کون سی چیزیں تھیں؟

- A) روٹی
- B) تین
- C) چار
- D) پانچ

17) قصہ میں حضرت فرید الدین گنج شکر کا سالہ کون سا تھا؟

- A) چارویں
- B) سہارویں
- C) پانچویں
- D) تینہویں

18) اللہ تعالیٰ کا ارشاد ہے کہ "یہ ملک میرا ہوتا ہے اور میں اس کا مالک ہوں۔"
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۱۶) جب ایک تھوڑے فاصلے پر آئے تو آپ نے اس سانپ کی چیخیں

_____ دہم میں سنا دیں۔ تاکہ وہ ایک دی اور کھڑی خرید کر گزریاں گات کر

تجا کرے؟

- A) ۱۱
- B) ۱۲
- C) ۱۳
- D) ۱۴

۱۷) تصوف میں حضرت فرید الدین گنج شکر کا سلسلہ کون سا تھا؟

- A) قادریہ
- B) سمیہ درویش
- C) چشتیہ
- D) نقشبندیہ

۱۸) اللہ تعالیٰ کا ارشاد ہے کہ "بے شک لہذا مومنوں پر اوقات مقررہ ہیں اور اگر بغیر اس ہے" یہ آیت قرآن مجید کی کون سی سورت میں ہے؟

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6) جب ایک سندھ سے ٹھنک لے کر کلا سا کون سا تھا؟

تھا کرے؟

11 (A)

12 (B)

13 (C)

14 (D)

7) قصہ میں حضرت فرید الدین گنج شکر کا سا کون سا تھا؟

(A) تھوڑا سا

(B) سب سے زیادہ

(C) چھوٹا سا

(D) نقشہ کا

8) اللہ تعالیٰ کا ارشاد ہے کہ "بے شک تمہارے مومنوں پر اوقات مقرر ہو گئیں اور"

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88) Around how much percentage electricity is thermal?

- A) 80%
- B) 70%
- C) 50%
- D) 60%

188) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

- A) 80%
- B) 70%
- C) 50%
- D) 60%

189) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

188) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

189) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

190) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

191) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

192) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

193) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

194) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

195) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

196) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

197) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

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200) حرارت کتنے فی صد بجلی پیدا کرتی ہے؟

95) What are the building blocks of the universe?

- A) Stars
- B) Galaxies
- C) Meteors
- D) Asteroids

156) کون سے اجرام سماوی بنیادی ہیں؟

- A) ستارے
- B) کہکشاں
- C) مینڈی بکٹا
- D) غبارِ کائنات

157) کون سے اجرام سماوی بنیادی ہیں؟

- A) ستارے
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- C) مینڈی بکٹا
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200) کون سے اجرام سماوی بنیادی ہیں؟

201) کون سے اجرام سماوی بنیادی ہیں؟

202) کون سے اجرام سماوی بنیادی ہیں؟

203) کون سے اجرام سماوی بنیادی ہیں؟

204) کون سے اجرام سماوی بنیادی ہیں؟

205) کون سے اجرام سماوی بنیادی ہیں؟

206) کون سے اجرام سماوی بنیادی ہیں؟

207) کون سے اجرام سماوی بنیادی ہیں؟

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209) کون سے اجرام سماوی بنیادی ہیں؟

210) کون سے اجرام سماوی بنیادی ہیں؟

99) Jamal reads $\frac{2}{7}$ of 140 pages of a book and Farhan reads two-fifth times of Jamal pages. How many pages does Farhan read?

- A) 40
- B) 32
- C) 24
- D) 16

100) _____ means to find such a numbers that is nearest to that number, but not exactly.

- A) Decimals
- B) Fractions
- C) Round off
- D) Estimation

90) There is a little need for extracurricular features in _____ design.

- A) Learner
- B) Core
- C) Subject
- D) Both (A) & (B)

91) With the help of _____ a teacher provides one-way information.

- A) Speech method
- B) Observation method
- C) Activity based method
- D) All of the above

92) Penicillium is the example of which group?

- A) Virus
- B) Bacteria
- C) Protozoa
- D) Fungi

93) The sum of the number of protons and neutrons is called

- A) Atomic number of an atom
- B) Mass number of an atom
- C) Both (A) & (B)
- D) None of the above

94) Which among the following fills all the space available?

- A) Solid
- B) Liquid
- C) Gas
- D) Water

THE END

All PST Candidates KPK

49) She is loved by all _____ weakness.

[Choose the correct option.]

- A) For her
- B) To her
- C) With her
- D) Before her

50) She leaned back, feeling exhausted.

[Choose the meaning of the underlined word.]

- A) Disheartened
- B) Confused
- C) Weakened
- D) Saddened

51) In which field the people of ancient Indus valley civilization and of the Gandahara civilization were expert?

- A) In the art of designing dresses
- B) In the art of building making
- C) In the art of melting and casting bronze into various forms
- D) In the art of painting

52) The photosynthetic green pigment called chlorophyll is contained in:

- A) Lower epidermis
- B) Mesophyll cells
- C) Upper epidermal cells
- D) All of the above

53) Suitable temperature for photosynthesis is between:

- A) 20 Degrees to 30 Degrees
- B) 15 Degrees to 30 Degrees
- C) 25 Degrees to 30 Degrees
- D) 25 Degrees to 35 Degrees

54) Digested food is absorbed into blood through capillaries in:

- A) Large intestine
- B) Small intestine
- C) Esophagus
- D) Stomach

55) The most abundant living organisms in the world are:

- A) Bacteria
- B) Virus
- C) Fungi
- D) Ants

56) Part of the cell which is involved in cell division is called?

- A) Centrioles
- B) Vacuole
- C) Mitochondria
- D) None of the above

57) لکھنؤ کے کپڑے کیا کہلاتے ہیں؟

- A) برادری
- B) دھڑ
- C) ڈھکی
- D) آدرا

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159) دو متضاد کلمات کی مثال دیں۔

- A) گناہ اور نیکی
- B) گناہ اور بدی
- C) گناہ اور اچائی
- D) گناہ اور برائی

60) The supplementary angles measure $(2x + 10)$ and $(x + 20)$ degrees. What is the value of x ?

- A) 40
- B) 35
- C) 50
- D) 60

61) Which one is the interaction between two animals in which one kills and feeds on the other?

- A) Mutualism
- B) Parasitism
- C) Interacting
- D) Predation

62) Which of the following is a treeless biome?

- A) Desert
- B) Grassland
- C) Tundra
- D) None of the above

163) پہاڑوں میں سے ہر طرف کی حالت کو کہتے ہیں؟

- A) 11
- B) 12
- C) 13
- D) 14

164) لکھنؤ کے کپڑے کیا کہلاتے ہیں؟

- A) برادری
- B) دھڑ
- C) ڈھکی
- D) آدرا

165) انسان اپنے اپنے کوئی دوسرا کہتے ہیں؟

- A) خود
- B) خود
- C) خود
- D) خود

66) Perimeter of rectangle = _____

- A) $L \times W$
- B) $2(L \times W)$
- C) $2(L + W)$
- D) $4(L \times W)$

- 31) If the fare of 34 km is Rs 1,190. What will be the fare for 48 km?
 A) Rs 1,360
 B) Rs 1,485
 C) Rs 1,535
 D) Rs 1,680
- 32) $6\text{ h } 52\text{ min} + 9\text{ h } 12\text{ min} =$ _____
 A) 16 h 04 min
 B) 15 h 40 min
 C) 16 h 64 min
 D) None of the above
- 33) Speed of a car is 45 km/h. Its speed in m/s is:
 A) 8.5 m/s
 B) 9 m/s
 C) 11.8 m/s
 D) 12.5 m/s
- 34) Distance between points (2, 3) and (7, 3) is:
 A) 2
 B) 3
 C) 5
 D) 7
- 35) _____ are fractions with different numbers representing the same part of the whole.
 A) Like fractions
 B) Unlike fractions
 C) Equal fractions
 D) Equivalent fractions
- 36) In fractions $\frac{2}{3}, \frac{4}{9}, \frac{5}{8}, \frac{7}{18}$ which one is the greatest fraction?
 A) $\frac{2}{3}$
 B) $\frac{4}{9}$
 C) $\frac{5}{8}$
 D) $\frac{7}{18}$
- 37) $\frac{3}{8}$ of 480 animals in the Zoo are rabbits and one-third of the rabbit are white. How many white rabbits are there?
 A) 60
 B) 120
 C) 180
 D) 220
- 38) He has propensity for getting into debt. [Choose the correct meaning of the underlined word.]
 A) Characteristic
 B) Quality
 C) Natural tendency
 D) Aptitude
- 39) The secret was known by few. [The underlined word is the example of?]
 A) Indefinite pronoun
 B) Personal pronoun
 C) Possessive pronoun
 D) Demonstrative pronoun
- 40) May God bless us all!
 [Which type of sentence it is?]
 A) Imperative
 B) Interrogative
 C) Optative
 D) Negative
- 41) Yeah! I got her number.
 [The underlined part of the sentence is:]
 A) Infinitive
 B) Interjection
 C) Determiner
 D) Article
- 42) Maria is a person whose family owns a cattle farm.
 [The underlined part of the sentence is?]
 A) Noun phrase
 B) Relative clause
 C) Adverb clause
 D) Pronoun clause
- 43) $45\text{g} + 12\text{mg} =$ _____
 A) 462mg
 B) 4512mg
 C) 45012mg
 D) None of the above
- 44) A cube has _____ vertices.
 A) 4
 B) 6
 C) 8
 D) 12
- 45) If a student got 19, 21, 22, 24 and 19 marks in different subjects in the monthly test, his average marks will be.
 A) 19
 B) 21
 C) 22
 D) 25
- 46) She said to me, "I am reading about politics these days?"
 [Choose the correct indirect speech:]
 A) She told me that she has been reading about politics those days.
 B) She told me if she was reading about politics those days.
 C) She told me that she was reading about politics those days.
 D) She told me that she was reading about politics these days.
- 47) Do you like sailing on the lake?
 [The underlined part of a sentence is?]
 A) Adjective clause
 B) Relative clause
 C) Main clause
 D) Gerund phrase
- 48) The word 'antipathy' is antonym to _____.
 A) Hatred
 B) Admiration
 C) Obedience
 D) Agreement

ALL PST Candidates KPK

- 14) We received a cordial welcome from our host.
[Choose the correct passive voice.]
A) A cordial welcome was being received by us from our host.
B) A cordial welcome has been received by us from our host.
C) A cordial welcome was received by us from our host.
D) A cordial welcome will be received by us from our host.

- 15) Terrorism has created
A) Havoc in the society
B) Safety in the society
C) Feudalism in the society
D) Poverty in the society

- 16) What percentage of Pakistan's population lives in Cities?
A) 36.3 percent
B) 29.3 percent
C) 31.2 percent
D) 25.5 percent

- 17) When did India stop head works of Pakistan Canals?
A) 1st May 1948
B) 1st March 1947
C) 1st April 1948
D) 1st July 1949

- 18) Who took notice of the exploitation of the poor peasants at the hands of land owners and approved an act in 1859?
A) Lord Canning
B) Lord Mayo
C) Lord Northbrook
D) Lord Elgin

متحدہ مسلم ہوتے ہی شمالی اٹلی کے علاقے سے کی گئی ہے

- A) پہاڑ
B) ایت
C) آگر
D) کچھ

حضرت ابی بکر صدیقؓ کو کون سا خط لکھا جس سے ان کے دل سے غم دور ہوا

و امیر کلمہ صوفی سے ملے کیا ہوا

- A) حضرت عمرؓ کو یہ خط لکھا
B) حضرت خولہ بنت اخیلقہؓ کو خط لکھا
C) حضرت قثم بن العباسؓ کو خط لکھا
D) حضرت عیسیٰؑ کو خط لکھا

22) رسول اللہ ﷺ کو قرآن مجید کے دوسرے حصے میں کون سا سورہہ پہنچا جس سے ان کا دل خوش ہوا

- A) ہمارا مال گنت کاظم ہو گئی
B) چار مال گنت کاظم ہو گئی
C) دنیا و مافیہا کاظم ہو گئی
D) اس مال گنت کاظم ہو گئی

- 22) The world is a big Machine, like a clock, mathematics is the key to knowledge of this universe, this is a _____
A) Darwin thought
B) Deductive method
C) Inductive method
D) Spiritual method

- 23) These are the purposes for which the principles of child study are used in educational psychology
A) Research objectives
B) Psychological objectives
C) National objectives
D) Educational objectives

- 24) Human have almost _____ taste buds inside the mouth.
A) 1000
B) 1500
C) 5000
D) 10000

- 25) The opening of the trachea is called:
A) Larynx
B) Glottis
C) Inhalation
D) Pharynx

- 26) A _____ is an instrument with the help of which we can see the objects higher than the level of our eyes.
A) Telescope
B) Periscope
C) Microscope
D) Kaleidoscope

- 27) Which of the following is an example of runners?
A) Potato
B) Strawberries
C) Lachi
D) Mint plant

18) عرب اٹلی میں پہلی بار کون سا خط لکھا جس سے ان کے دل سے غم دور ہوا

- A) قرآن مجید کا پہلا کلام ہے
B) عذرت کرنے سے نہ اسکا ہے
C) عذرت کرنے سے لکھی جانے والی ہے
D) عذرت کرنے سے لکھی جانے والی ہے

- 29) If a triangle having base = 8cm and altitude = 6cm, then area of triangle = ?
A) 14cm
B) 24cm
C) 32cm
D) 48cm

- 30) _____ straight angles are there in a complete rotation.
A) No
B) 1
C) 2
D) 3

67) Find x , if $\log_{12}(12^x) = x$

- A) 12
- B) 36
- C) 144
- D) 3

68) A triangle with _____ sides equal is called an isosceles triangle.

- A) 1
- B) 2
- C) 3
- D) 4

69) Angle of measure of 72° can be drawn by:

- A) Protector only
- B) Compass only
- C) Both (A) & (B)
- D) None of the above

70) A quadrilateral having all sides equal and parallel, is called a _____.

- A) Kite
- B) Trapezium
- C) Rhombus
- D) Parallelogram

71) In the province of _____ the provincial Muslim league formed a committee headed by Mr. Sharif to investigate the unjust proceeding of the congress.

- A) Punjab
- B) NWFP
- C) Bihar
- D) Bengal

72) TIPU Sultan was martyred during the war in

- A) Seringapatam Fort
- B) Gwalior Fort
- C) Golconda Fort
- D) Agra Fort

سلاطین الدین ابوبی اسے کارناموں میں گھس پر بازی لے گئے تھے؟

1A محمد بن قاسم

1B موہن بن نصیر

1C نور الدین زنگی

1D سلطان الدین غورام شاہ

174 راکھ کے بعد "گلید کوب" کس صحابی کے حوالے کی گئی؟

1A حضرت علی رضی اللہ عنہ

1B حضرت عثمان بن عفان رضی اللہ عنہ

1C حضرت ابو بکر صدیق رضی اللہ عنہ

1D حضرت عباس رضی اللہ عنہ

175 حضرت موسیٰ کے والد کا نام کیا تھا؟

1A عمران

1B آزر

1C اسرائیل

1D سینا

76) In the personal aspects of the child _____ is counted.

- A) Intelligence and ability
- B) Role and interest
- C) Trend and inheritance
- D) Freedom

77) The big bang theory of the origin of the universe was developed by:

- A) Edwin Hubble
- B) Arno Penzais
- C) Robert Wilson
- D) Einstein

78) Light travel at a speed of:

- A) 200,000 KM/sec
- B) 300,000 Km/sec
- C) 350,000 Km/sec
- D) 400,000 Km/sec

79) All metals are solids EXCEPT:

- A) Copper
- B) Brass
- C) Mercury
- D) Aluminum

80) Samer and Ali played in the garden and read in the study room.

[Which type of sentence it is?]

- A) Complex sentence
- B) Compound sentence
- C) Simple sentence
- D) Compound complex

81) He said to me, "where will I find the book you recommended?"

[Choose the correct passive voice:]

- A) He told me where he would find the book I had recommended.
- B) He asked me where he would find the book I had recommended.
- C) He asked me where he would find the book I have recommended.
- D) He asked me where he will find the book I had recommended.

82) Please be _____ in the hallway.

[Choose the correct option:]

- A) careful
- B) carefully
- C) care
- D) cared

83) Will you turn that music down?

[Choose the correct function of the modal verb in this sentence:]

- A) A command
- B) Permission
- C) A request
- D) Suggestion

84) If you get back late, I _____ angry.

[Choose the correct option:]

- A) will be
- B) would be
- C) have to be
- D) can be

85) Who laid down the foundations of the art of the novel in Sindhi language?

- A) Abdul Qadir Baidel
- B) Mirza Qaleech Baig
- C) Shah Abdul Latif Bhattaie
- D) Sachal Sarmat

All PST Candidates KPK

H

SCREENING TEST FOR RECRUITMENT OF PRIMARY SCHOOL TEACHER
DIRECTORATE OF ELEMENTARY & SECONDARY EDUCATION,
KHYBER PAKHTUNKHWA

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

TOTAL TIME: 90 MINUTES

TOTAL MARKS: 100

- 1) The child of cobbler has no shoe.
[The given sentence is the example of?]
A) Irony
B) Simile
C) Personification
D) Rhythm
- 2) Choose the correct sentence:
A) Our home is built with bricks.
B) Our home is built of bricks.
C) Our home is built from bricks.
D) Our home is built out of bricks.
- 3) I will fight you with tooth and nails.
[The underlined word is the example of?]
A) Adverbial phrase
B) Main clause
C) Predicate
D) Verb phrase
- 4) You may rely _____ our doing our utmost.
[Choose the correct preposition:]
A) with
B) by
C) on
D) in
- 5) As gentle as a _____
[Complete the idiomatic comparison:]
A) lamb
B) button
C) ox
D) moon
- 6) Who headed the commission formed by Ayub Khan for drafting the 1962 constitution?
A) Justice Shahab Ud Din
B) Justice Muhammad Ali
C) Justice Mian Abdur Rasheed
D) Justice Fazal Akbar

17) حضرت علی رضی اللہ عنہ، حضرت عمرؓ سے عربی تقریر کرتے ہوئے تھے؟

A) آٹھ سال

B) سات سال

C) چھ سال

D) نو سال

- 8) Which part of the brain controls emotion experiences?
A) Medulla oblongata
B) Pie matter
C) Receptor
D) Limbic system
- 9) _____ a thick, viscous liquid which fills the space between the nucleus and the cell membrane.
A) Vacuole
B) Cytoplasm
C) Centrioles
D) Chloroplast
- 10) When he returned he was accompanied by a sprightly old lady.
[Choose the correct meaning of the underlined word:]
A) Sportive
B) Intelligent
C) Lively
D) Beautiful
- 11) You sit on a throne of lies.
[The given sentence is the example of:]
A) Alliteration
B) Metaphor
C) Personification
D) Imagery
- 12) She is fit, _____ she goes running every day.
[Choose the correct conjunction:]
A) in order to
B) and
C) because
D) in spite of
- 13) This paint will _____ any surface whether rough or smooth.
[Choose the correct meaning of the underlined phrase:]
A) Adhere to
B) Adhere in
C) Adhere with
D) Adhere for

All PST Candidates KPK

- 32) 6 h 52 min + 9 h 12 min = _____
 A) 16 h 04 min
 B) 15 h 40 min
 C) 16 h 64 min
 D) None of the above
- 33) Speed of a car is 45 km/h. Its speed in m/s is:
 A) 8.5 m/s
 B) 9 m/s
 C) 11.8 m/s
 D) 12.5 m/s
- 34) Distance between points (2, 3) and (7, 3) is:
 A) 2
 B) 3
 C) 5
 D) 7
- 35) _____ are fractions with different numbers representing the same part of the whole.
 A) Like fractions
 B) Unlike fractions
 C) Equal fractions
 D) Equivalent fractions
- 36) In fractions $\frac{2}{3}, \frac{4}{9}, \frac{5}{11}, \frac{7}{16}$ which one is the greatest fraction?
 A) $\frac{2}{3}$
 B) $\frac{4}{9}$
 C) $\frac{5}{11}$
 D) $\frac{7}{16}$
- 37) $\frac{3}{8}$ of 480 animals in the Zoo are rabbits and one-third of the rabbit are white. How many white rabbits are there?
 A) 60
 B) 120
 C) 180
 D) 220
- 38) He has propensity for getting into debt. [Choose the correct meaning of the underlined word:]
 A) Characteristic
 B) Quality
 C) Natural tendency
 D) Aptitude
- 39) The secret was known by few. [The underlined word is the example of?]
 A) Indefinite pronoun
 B) Personal pronoun
 C) Possessive pronoun
 D) Demonstrative pronoun

- 40) May God bless us all! [Which type of sentence it is?]
 A) Imperative
 B) Interrogative
 C) Optative
 D) Negative
- 41) Yeah! I got her number. [The underlined part of the sentence is:]
 A) Infinitive
 B) Interjection
 C) Determiner
 D) Article
- 42) Maria is a person whose family owns a cattle farm. [The underlined part of the sentence is?]
 A) Noun phrase
 B) Relative clause
 C) Adverb clause
 D) Pronoun clause
- 43) 45g + 12mg = _____
 A) 462mg
 B) 4512mg
 C) 45012mg
 D) None of the above
- 44) A cube has _____ vertices.
 A) 4
 B) 6
 C) 8
 D) 12
- 45) If a student got 19, 21, 22, 24 and 19 marks in different subjects in the monthly test, his average marks will be:
 A) 19
 B) 21
 C) 22
 D) 25
- 46) She said to me, "I am reading about politics these days?" [Choose the correct indirect speech:]
 A) She told me that she has been reading about politics those days.
 B) She told me if she was reading about politics those days.
 C) She told me that she was reading about politics those days.
 D) She told me that she was reading about politics these days.
- 47) Do you like sailing on the lake? [The underlined part of a sentence is?]
 A) Adjective clause
 B) Relative clause
 C) Main clause
 D) Gerund phrase
- 48) The word 'antipathy' is antonym to _____.
 A) Hatred
 B) Admiration
 C) Obedience
 D) Agreement

- 14) We received a cordial welcome from our host.
[Choose the correct passive voice.]
- A) A cordial welcome was being received by us from our host.
B) A cordial welcome has been received by us from our host.
C) A cordial welcome was received by us from our host.
D) A cordial welcome will be received by us from our host.
- 15) Terrorism has created:
A) Havoc in the society
B) Safety in the society
C) Feudalism in the society
D) Poverty in the society
- 16) What percentage of Pakistan's population lives in Cities?
A) 36.3 percent
B) 29.3 percent
C) 31.2 percent
D) 25.5 percent
- 17) When did India stop head works of Pakistani Canals?
A) 1st May 1948
B) 1st March 1947
C) 1st April 1948
D) 1st July 1949
- 18) Who took notice of the exploitation of the poor peasants at the hands of land owners and approved an act in 1859?
A) Lord Canning
B) Lord Mayo
C) Lord Northbrook
D) Lord Elgin

119) عقیدہ قسم نبوت کی مثال کس چیز کے سے کی جاتی ہے؟

- A) پھول
B) درخت
C) انگر
D) گجر

120) حضرت ابو بکر صدیق رضی اللہ عنہ نے کس کے آپس سے حضرت عائشہ رضی اللہ عنہا کو نکاح کیا؟

- A) حضرت بنو ہاشم رضی اللہ عنہما
B) حضرت خولہ بنت اخیوت رضی اللہ عنہما
C) حضرت ام رومان رضی اللہ عنہما
D) حضرت علیہ رضی اللہ عنہما

121) رسول اللہ صلی اللہ علیہ وسلم کی ولادت کس سال ہوئی؟

- A) چار سال تک قائم رہی
B) چھ سال تک قائم رہی
C) نو سال تک قائم رہی
D) دس سال تک قائم رہی

- 22) The world is a big Machine, like a clock, mathematics is the key to knowledge of this universe, this is a _____.
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D) 10000
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B) Glottis
C) Inhalation
D) Pharynx
- 26) A _____ is an instrument with the help of which we can see the objects higher than the level of our eyes.
A) Telescope
B) Periscope
C) Microscope
D) Kaleidoscope
- 27) Which of the following is an example of runners?
A) Potato
B) Strawberries
C) Lachi
D) Mint plant

122) شرب الخمر ازبان طاق، بخار و عذاب سے کیا مراد ہے؟

- A) شراب زہان کا سیوا کا زہن ہے
B) خدمت کرنے سے لدا ملتا ہے
C) جراثیم منہ سے لگی جاسکتی ہیں
D) جراثیم تمام لوگوں میں پھیل رہے ہیں

29) If a triangle having base = 8cm and altitude = 6cm, then area of triangle = ?

- A) 14cm
B) 24cm
C) 32cm
D) 48cm

30) _____ straight angles are there in a complete rotation.

- A) No
B) 1
C) 2
D) 3

ROLL NO. _____ NAME: _____

ANSWER SHEET SERIAL NO. _____ SIGNATURE: _____

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B) Main clause
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D) Verb phrase
- 4) You may rely _____ our doing our utmost.
[Choose the correct preposition:]
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B) by
C) on
D) in
- 5) As gentle as a _____.
[Complete the idiomatic comparison:]
A) lamb
B) button
C) ox
D) moon
- 6) Who headed the commission formed by Ayub Khan for drafting the 1962 constitution?
A) Justice Shahab Ud Din
B) Justice Muhammad Ali
C) Justice Mian Abdur Rasheed
D) Justice Fazal Akbar
- 7) حضرت علیؓ کا نظم، حضرت محمدؐ سے عربی تقریباً کتنا پہلے ہے؟
(A) آٹھ سال
(B) سات سال
(C) چھ سال
(D) نو سال
- 8) Which part of the brain controls emotion experiences?
A) Medulla oblongata
B) Pile matter
C) Receptor
D) Limbic system
- 9) _____ a thick, viscous liquid which fills the space between the nucleus and the cell membrane.
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- 13) This paint will _____ any surface whether rough or smooth.
[Choose the correct meaning of the underlined phrase:]
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D) Adhere for

All PST Candidates KPK

32) The animals which feeds on plants are called

- A) Producers
- B) Primary consumers
- C) Secondary consumers
- D) Decomposers

33) The female reproductive part of the flower is called _____

- A) Sepals
- B) Petals
- C) Carpel
- D) Stamen

34) The digested food is mainly absorbed into the blood from _____

- A) Mouth
- B) Stomach
- C) Large intestine
- D) Small intestine

35) A car covered 30m distance in 5sec, the speed of the car is

- A) 6 m/s
- B) 35 m/s
- C) 150 m/s
- D) None of the above

36) $\frac{3}{5} = \frac{\quad}{100}$

- A) 10%
- B) 15%
- C) 25%
- D) 40%

37) HCF and LCM of two numbers are 2 and 24 respectively. If one number is 6, the other number is

- A) 4
- B) 8
- C) 12
- D) 16

38) Factors of $10y^2 - 3y - 1$ are

- A) $(2y + 1)(5y - 1)$
- B) $(2y - 1)(5y - 1)$
- C) $(2y - 1)(5y + 1)$
- D) $(2y + 1)(5y + 1)$

39) نظم و حرمت کی بنیادیں کس بیت میں لکھی گئی ہیں؟

- A) شمس
- B) مدین
- C) مکه
- D) مدینہ

40) مہم کوئی بھی علم کے قلم کے موتیوں کی مانند جیسے ہے، قواعد کی راہ سے کیا

کئی دلائل دیا کرتے ہیں؟

- A) استدلال
- B) تامل و غور
- C) تخیل
- D) عقل

41) "خوف" کی ضد کیا ہے؟

- A) قہر
- B) خوف
- C) قہر
- D) قہر

42) Which of the following is not a part of hind brain?

- A) Cerebellum
- B) Pons
- C) Medulla oblongata
- D) Thalamus

43) Elephant has _____ pairs of chromosomes.

- A) 23
- B) 28
- C) 36
- D) 48

44) He has implicated them in the conspiracy.

[Choose the meaning of the underlined word]

- A) Interested
- B) Affected
- C) Influenced
- D) Involved

45) قوم و زمین کے موافق ہر شخص کے ساتھ ہر چیز کا فکر کیا جاتا ہے۔

مذکورہ اور مفہوم ہے۔

- A) پانچ ہزار
- B) آٹھ ہزار
- C) تیرہ ہزار
- D) دس ہزار

46) حضرت عائشہ رضی اللہ عنہا نے کس شخص کے لئے ہجرت کی راہ ہموار کی؟

- A) دو سال
- B) چار سال
- C) پانچ سال
- D) چھ سال

47) پانچویں صدی کے شاعر کا لقب کیا تھا؟

- A) ملوی
- B) غازی
- C) حنفی
- D) ابن عربی

48) Batoora Glacier Situated in _____ valley is about 57 Kilometers long.

- A) Hunza
- B) Swat
- C) Kashmir
- D) None of the above

49) The Karakoram High Mountain Peaks remain covered with snow throughout the year, in this range, there are at least _____ Glaciers.

- A) 10
- B) 15
- C) 5
- D) 20

All PST Candidates KPK

6.12
6.4
6.8
6.12
6.16

(2)

50) The war of independence started from:

- A) Bengal in 1857
- B) Lucknow in 1857
- C) Delhi in 1857
- D) Banaras in 1857

51) The coordinates of the midpoint of a line segment with end points (3, -1) and (1, -5) is:

- A) (2, -3)
- B) (-1, 2)
- C) (1, 3)
- D) (-2, 3)

52) If $A = \{2, 3, 4, 5, 7\}$ and $B = \{3, 4, 7\}$, then $B \setminus A$ is:

- A) {2, 5}
- B) {3, 4, 7}
- C) {}
- D) {1, 6}

53) Which of the following is not a digestive gland?

- A) Adrenal gland
- B) Liver
- C) Pancreas
- D) Stomach wall

54) I like the leader who listens to the people.
[Which type of sentence it is?]

- A) Compound sentence
- B) Complex sentence
- C) Simple sentence
- D) Compound complex

55) He said to me, "Can I do anything for you?"
[Choose the correct passive voice:]

- A) He asked me if he can do something for me.
- B) He asked me that he could do something for me.
- C) He asked me if he could do something for me.
- D) He asked me if he could do something for you.

56) The team are divided _____ opinion about playing on Saturday.

[Choose the correct option:]

- A) in their
- B) in this
- C) in other
- D) on this

57) I need to talk to her.

[Choose the correct function of the modal verb in this sentence:]

- A) Command
- B) Suggestion
- C) Necessity
- D) Prohibition

58) If I had my own car, I _____ to Narran in this hot summer.

[Choose the correct option:]

- A) will travel
- B) would travel
- C) have traveled
- D) would have traveled

59) ترجمہ: اگر کوئی گاڑی گرتا ہے، یہ لک اپنا آپ ہی سے مل کر رہے ہوگا۔

ذیل میں سے درست جواب کا انتخاب کریں۔

1A) حدیث آتیر

1B) آیت آتیر

1C) حدیث قدسی آتیر

1D) حضرت علی رضی اللہ عنہ کے قول آتیر

60) درج ذیل میں سے تاک انداز و لاک لکھیں کہ درست ترجمہ منتخب کریں؟

1A) اسے اللہ ہم حیرتی ہی عبادت کرتے ہیں اور ہم کو مولا کریں۔

1B) اسے اللہ ہم حیرتی ہی عبادت کرتے ہیں اور خودی سے مدد مانگتے ہیں۔

1C) اسے اللہ ہم کو سید عبادت و کھوار ہم حیرتی ہی عبادت کرتے ہیں۔

1D) اسے اللہ ہم حیرتی ہی عبادت کرتے ہیں اور ہم کو کراہی سے بچا۔

61) In 1848, British entered Punjab and annexed Punjab into the British control after defeating the:

- A) Muslims
- B) Hindus
- C) Sikhs
- D) Portuguese

62) The famous Lake "Hamoon Mashkhal" is present in Baluchistan Plateau, it is the lake of:

- A) Salt water
- B) Fresh water
- C) Hard water
- D) Thick water

63) Forests are only on _____ of the total area of Pakistan.

- A) 6.3%
- B) 4.8%
- C) 3.6%
- D) 8.4%

64) 7.5mm = _____.

- A) 75m
- B) 750m
- C) 0.075m
- D) 0.0075m

65) HCF of $a^3 - 8b^3$ and $a^2 - 4ab + 4b^2$ is

- A) $a - 2b$
- B) $a^2 + 2ab + b^2$
- C) $a + 2b$
- D) $(a + 2b)^2$

TOTAL TIME: 90 MINUTES

- 1) There was nothing casual about my father's interest.

[Choose the correct meaning of the underlined word:]

- A) Incidental
- B) Ordinary
- C) Funny
- D) Accidental

- 2) The moon smiled at the star at night.

[The given sentence is the example of:]

- A) Alliteration
- B) Metaphor
- C) Personification
- D) Imagery

- 3) _____ spring arrives we have to be prepared for more snow.

[Choose the correct conjunction:]

- A) Because
- B) Until
- C) Although
- D) Now that

- 4) The terrible gale blew down many a tall tree.

[Choose the correct meaning of the underlined phrase:]

- A) To throw down

speed of the car is

- A) 6 m/s
- B) 35 m/s
- C) 150 m/s
- D) None of the above

14) $\frac{2}{5} = \frac{\quad}{\quad}$

- A) 10%
- B) 15%
- C) 25%
- D) 40%

15) HCF and LCM of two numbers are 2 and 24 respectively. If one number is 6, the other number is

- A) 4
- B) 8
- C) 12
- D) 16

16) Factors of $10y^2 - 3y - 1$ are

- A) $(2y + 1)(5y - 1)$
- B) $(2y - 1)(5y - 1)$
- C) $(2y - 1)(5y + 1)$
- D) $(2y + 1)(5y + 1)$

17) نظم برسات کی بہاریں - کس بیت میں لکھی گئی ہے؟

(A) شلت

(B) سندس

(C) عکس

(D) مرثیہ

18) پہلوؤں کی فہم کے قطرے موتیوں کی سیاح جگہ ہے۔ تو اس کی ناسی

کشیہ نظام کیا کہلاتے ہیں؟

(A) استواء

(B) مدار

(C) قطب

23) F

A

B

C

D

24) Th

A)

B)

C)

D)

25) Edu

psy

learn

beha

educ

A)

B)

C)

D)

26)

the on

A) Gr

B) Pu

C) De

D) En

27) Nowada

urban

(A) دوزخ ذیل میں سے کلا کی لہند و ناک استیون کا دست قریر عقب کریں؟

(B) اسے اللہ ہم تیری ہی مبادت کرتے ہیں اور ہم کو

(A) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور ہم کو صوفی گردانتے۔
(B) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور ہم کو صوفی گردانتے۔

(B) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور تم کو سب سے زیادہ

(C) اے اللہ ہم کو سیدھا راستہ دکھا اور ہم تیری عبادت کرتے ہیں

۱۷) اے اللہ ہم کو سیدھا راستہ دکھا اور ہم تیری ہی عبادت کرتے ہیں۔

(5) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور ہم کو گمراہی سے بچا۔

9) In 1848, British entered Punjab and annexed Punjab into the British control after defeating the:

of salt water

[Choose the correct meaning of the underlined phrase.]

- A) To throw down
- B) To strike
- C) To explode
- D) To disperse

5) I will clean the house every Saturday.

[Choose the correct passive voice.]

- A) The house would be cleaned by me every Saturday.
- B) The house will be cleaned by me every Saturday.
- C) The house will be cleaning by me every Saturday.
- D) The house will have been cleaned by me every Saturday.

جگہ کے متعلق یہ شعر میں داخل ہونے والے اسٹوں میں سے صرف ایک درست

کے ساتھ تھا، کچھ متبادل ہوا، جس میں اہل کد کو بھانپ کر

حضرت عمرؓ، غلط تھا

حضرت معاذ بن جبلؓ، غلط تھا

حضرت عبید بن جراحؓ، غلط تھا

حضرت خالد بن ولیدؓ، غلط تھا

22) The phenomenon which does not lead to global warming is _____

- A) Photosynthesis
- B) Green House effect
- C) Ozone depletion
- D) Increase of CO_2 concentration in air

23) Recommended intake of vitamins for 13-15 years boys is:

- A) IU 4500
- B) IU 4000
- C) IU 5000
- D) IU 5500

24) The formula of Pressure, $P =$ _____

- A) $F \times A$
- B) F/A
- C) A/F
- D) $F \times D$

25) Educational psychology is the branch of psychology which deals with teaching and learning and also covers the entire range and behavior of the personality is related to education.

- A) John Locke
- B) William James
- C) John Dewey
- D) Skinner

26) _____ refers to the qualitative changes in the organism as whole.

- A) Growth
- B) Puberty
- C) Development
- D) Environmental situation

27) Nowadays, pollution is rampant in all major urban centers.

[Choose the correct main idea of the passage]

(8) درج ذیل میں سے ۳۱ کی نمونہ لکھیے اور مستحکم کریں۔

- (A) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور ہم کو معاف کر دیں۔
(B) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور تجھ ہی سے مدد مانگتے ہیں۔
(C) اے اللہ ہم کو سیدھا راستہ دکھا اور ہم تیری ہی عبادت کرتے ہیں۔
(D) اے اللہ ہم تیری ہی عبادت کرتے ہیں اور ہم کو گمراہی سے بچا۔

9) In 1848, British entered Punjab and annexed Punjab into the British control after defeating the:

- A) Muslims
B) Hindus
C) Sikhs
D) Portuguese

10) The famous Lake "Hamoon Mashkhel" is present in Baluchistan Plateau, it is the lake of:

- A) Salt water
B) Fresh water
C) Hard water
D) Thick water

11) Forests are only on _____ of the total area of Pakistan.

- A) 6.3%
B) 4.8%
C) 3.6%
D) 8.4%

12) 7.5mm = _____.

- A) 75m
B) 750m
C) 0.075m
D) 0.0075m