GENERAL SCIENCE SSC-II
(For Hearing Impaired Children)
SECTION – A (Marks 15)

Time allowed: 20 Minutes

NOTE:- Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

Q. 1 Circle the correct option i.e. A / B / C / D. Each part carries one mark.

(i) Plasma in blood by volume is:
A. 50%  B. 55%  C. 60%  D. 80%

(ii) Which gas is responsible for fermentation?
A. Oxygen  B. Nitrogen  C. Carbon dioxide  D. None of these

(iii) A rocket which is used for space exploration consists of:
A. 5 stages  B. 2 stages  C. 3 stages  D. 4 stages

(iv) Sputnik was sent into space by:
A. Russia  B. America  C. China  D. France

(v) A person with blood group B has following antigens:
A. Antigen A  B. Antigen B  C. Antigen A & B  D. None of these

(vi) Which sphere or layer consists of about 80% of the mass of atmosphere?
A. Troposphere  B. Stratosphere  C. Mesosphere  D. Thermosphere

(vii) The number of neutrons in a hydrogen atom is:
A. 3  B. 2  C. 1  D. 0

(viii) The number of stages of sleep which have been identified by EEG is:
A. Two  B. Three  C. Four  D. Five

(ix) The capacity of nuclear power plant commissioned at the right bank of Chashma Canal is:
A. 100 Mega Watt  B. 200 Mega Watt  C. 250 Mega Watt  D. 300 Mega Watt

(x) The types of electrical chargers are:
A. One  B. Two  C. Three  D. Four

(xi) Land covered with forest in Pakistan is:
A. 30%  B. 5%  C. 7%  D. 9%

(xii) Coal that contains the highest percentage of Carbon is:
A. Lignite  B. Bituminous  C. Anthracite  D. Sub bituminous

(xiii) All the following types of food provide energy EXCEPT:
A. Potatoes  B. Milk  C. Eggs  D. Water

(xiv) The shape of WBC is:
A. Circular  B. Oblong  C. Irregular  D. Rod like

(xv) The thrown away material converted into reusable form. This process is called:
A. Reprocessing  B. Recycling  C. Reproduction  D. Repairing

For Examiner’s use only:  

Total Marks: 15
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| (xvi) | | | | | | | | | | | | | | | | | | |
GENERAL SCIENCE SSC-II  
(For Hearing Impaired Children)

Time allowed: 2:40 Hours 

Total Marks Sections B and C: 60

NOTE:- Answer any twelve parts from Section 'B' and any three questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION - B (Marks 36)

Q. 2 Attempt any TWELVE parts. The answer to each part should not exceed 2 to 3 lines. (12 x 3 = 36)

(i) Explain the composition of human blood.
(ii) Discuss the blood groups in man.
(iii) What do you mean by recycling?
(iv) What is a balanced diet?
(v) Write down the basic principles of first aid.
(vi) What is air pollution?
(vii) Explain why thicker clouds have very dark bases.
(viii) Name important principle crops of Pakistan.
(ix) Write suggestions for safe use of electricity.
(x) What is a transformer? How does it work?
(xi) Why are fuses used in electrical circuits?
(xii) What is LASER?
(xiii) What is the importance of ECG?
(xiv) What are optical fibres?
(xv) Name some of the diseases diagnosed by ultrasound.
(xvi) What do you know about vaccines?
(xvii) What do you understand by C.T scan?
(xviii) Write names of different layers of atmosphere.

SECTION - C (Marks 24)

Note: Answer any THREE questions. All questions carry equal marks. (3 x 8 = 24)

Q. 3 Give the general characteristics of enzymes.
Q. 4 Explain greenhouse effect.
Q. 5 What do you know about nuclear program of Pakistan?
Q. 6 Write short notes on any two.
   (a) Control of plant diseases
   (b) Global warming
   (c) Space Rockets?
فضیلی کتاب کی میں میں مہمتعمکرینہ ہوں (12) اینڈ کریکر سے مہمتعمکرینہ ہوں (2)

طاکنی نیمکت کا جھیل کی آب کے لئے تکلیف صادق اہتمام کیا گیاہے۔

--- 2SA 1939 (HIC) ---