

< WorkSheet

Reasoning Based

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Attempted MCQs 0/10



- 1) Among five friends M, K, A, H, Y all have different height. Among the five friends, M is taller than K but not Y , H is taller than Y but not A , who is the second tallest person:

A. A

B. H

C. Y

D. K

☐ A

☐ B

☐ C

☐ D

- 2) The number of bacteria in a culture doubles every minute. If a certain number of bacteria are present in 30 minutes the bacteria were half in how much time:

A. 15 minutes

B. 29 minutes

C. 60 minutes

D. None



☐ A

☐ B

☐ C

☐ D

3) If it would be Friday three days after tomorrow. What was two days before yesterday?

A. Monday

B. Saturday

C. Friday

D. Thursday

☐ A

☐ B

☐ C

☐ D

4) If $Mr.N$ is 20th from left in a row and $Mr.Q$ is 10th from the right in a row. If Q is 10th to the right of N . How many people are there in the row?

A. 37

B. 40

C. 38

D. 39

☐ A

☐ B

☐ C

☐ D

5) If the day before yesterday was Friday, what day will two days after tomorrow be:

A. Saturday

B. Wednesday

C. Friday

D. Sunday

☐ A

☐ B

☐ C

☐ D

6) How many three digit numbers can be formed. If each number contains all different digits:

A. 900

B. 648

C. 300

D. 289

☐ A

☐ B

☐ C

☐ D



- 7)** In a hotel mess on a particular day 4 dishes of rice, three different types of soups and tea of five different types is available, a person has to select a meal by selecting one from each category. In how many ways he can select his meal:

A. 12
B. 15
C. 60
D. 40

☐ A ☐ B ☐ C ☐ D

- 8)** From a deck of cards, 4 cards is drawn. Find the probability that card is a King or a Queen:

A. $\frac{1}{2}$
B. $\frac{1}{4}$
C. $\frac{2}{13}$
D. $\frac{4}{13}$

☐ A ☐ B ☐ C ☐ D

- 9)** In how many ways five friends can sit on six chairs arranged in a lines:

A. 100
B. 120
C. 600
D. 720

☐ A ☐ B ☐ C ☐ D

- 10)** A number is selected from numbers 1 to 500. What is probability that selected number is a multiple of 5:

A. $\frac{1}{2}$
B. $\frac{1}{5}$
C. $\frac{1}{6}$
D. $\frac{1}{10}$

1)

Among five friends M, K, A, H, Y all have different height. Among the five friends, M is taller than K but not Y , H is taller than Y but not A , who is the second tallest person:

A. A B. H C. Y D. K 

A



B



C



D

Your answer is correct

Ans: (B)

M, K, A, H, Y

$Y \quad A$

$M \quad H$

$K \quad Y$

$\Rightarrow H$ is second highest.

- 2) The number of bacteria in a culture doubles every minute. If a certain number of bacteria are present in 30 minutes the bacteria were half in how much time:
- A. 15 minutes B. 29 minutes
C. 60 minutes D. None



A



B



C



D

Your answer is correct

Ans: (B)

Logically bacteria will be half one minute before.

3) If it would be Friday three days after tomorrow. What was two days before yesterday?

A. Monday

B. Saturday

C. Friday

D. Thursday

☐ A

☐ B

☒ C

☐ D

Your answer is correct

Ans: (C)

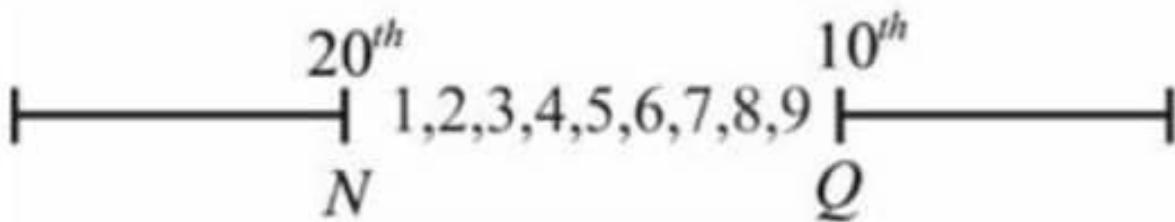


- 4) If $Mr. N$ is 20^{th} from left in a row and $Mr. Q$ is 10^{th} from the right in a row. If Q is 10^{th} to the right of N . How many people are there in the row?
- A. 37 B. 40
C. 38 D. 39

☐ A ☐ B ☐ C ☒ D

Your answer is correct

Ans: (D)



No. of persons b/w N and $Q = 9$,

Total persons $= 20 + 9 + 10 = 39$

5) If the day before yesterday was Friday, what day will two days after tomorrow be:

A. Saturday

B. Wednesday

C. Friday

D. Sunday

☐ A

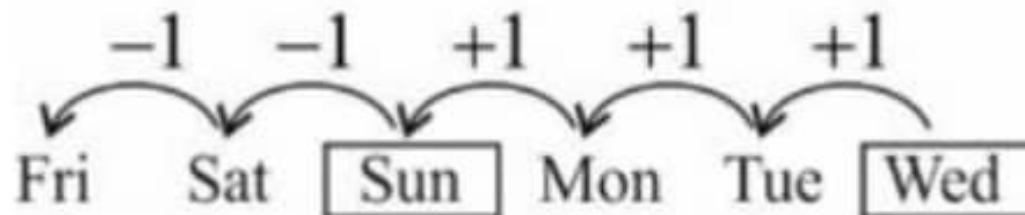
☒ B

☐ C

☐ D

Your answer is correct

Ans: (B)



6) How many three digit numbers can be formed. If each number contains all different digits:

A. 900

B. 648

C. 300

D. 289



A



B



C



D

Your answer is correct

Ans: (B)

$$\boxed{9} \boxed{9} \boxed{8} \Rightarrow 9 \times 9 \times 8 = 648$$

7)

In a hotel mess on a particular day 4 dishes of rice, three different types of soups and tea of five different types is available, a person has to select a meal by selecting one from each category. In how many ways he can select his meal:

A. 12

B. 15

C. 60

D. 40



A



B



C



D

Your answer is correct

Ans: (C)

$$4 \times 3 \times 5 = 60$$

8) From a deck of cards, 1 card is drawn. Find the probability that card is a King or a Queen:

A. $\frac{1}{2}$

B. $\frac{1}{4}$

C. $\frac{2}{13}$

D. $\frac{4}{13}$



A



B



C



D

Your answer is correct

Ans: (C)

$$\frac{4+4}{52} = \frac{8}{52} = \frac{2}{13}$$

9) In how many ways five friends can sit on six chairs arranged in a line:

A. 100

B. 120

C. 600

D. 720

☐ A

☐ B

☐ C

☒ D

Your answer is correct

Ans: (D)

$$6 \times 5 \times 4 \times 3 \times 2 \times 1 = 6 \times 120 = 720$$

10)

A number is selected from numbers 1 to 500. What is probability that selected number is a multiple of 5 :

A. $\frac{1}{2}$

B. $\frac{1}{5}$

C. $\frac{1}{6}$

D. $\frac{1}{10}$



A



B



C



D

Your answer is correct

Ans: (B)

$$n(S) = 500$$

$$E = \{5, 10, 15, \dots, 500\}$$

$$n(E) = \frac{500 - 5}{5} + 1 = 100$$

$$P(E) = \frac{100}{500} = \frac{1}{5}$$