

## Scientific Assistant in India Meteorological Department Examination 2022


Section : General Intelligence and Reasoning

Q.1 Which of the following numbers will replace the question mark (?) in the given series?  
105, 76, 53, 36, 25, ?

- Ans
- 1. 16
  - 2. 20
  - 3. 18
  - 4. 22

Question ID : 26433087027  
Status : Answered  
Chosen Option : 1

Q.2 Which two signs and two numbers should be interchanged in the following equation to make it correct?  
 $456 - 121 \div 234 - 345 + 11 = 334$

- Ans
- 1. 234 and 121, - and +
  - 2. 345 and 121, + and +
  - 3. 456 and 121, + and -
  - 4. 11 and 121, + and -

Question ID : 26433079348  
Status : Answered  
Chosen Option : 4

Q.3 In a certain code language, 'BREAD' is written as 'WZVIY' and 'YEAST' is written as 'GHZVB'. How will 'BEANS' be written in that language?

- Ans
- 1. HMULO
  - 2. HMZEB
  - 3. HMZVB
  - 4. HMZVY

Question ID : 26433068007  
Status : Answered  
Chosen Option : 3



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Q.4 Six friends (A, B, C, D, E and F) are sitting around a circular table, facing the centre. A is sitting to the immediate left of D. F is sitting to the immediate left of B. E is an immediate neighbour of A. F is not an immediate neighbour of D. Who is sitting to the immediate right of D?

- Ans
- 1. E
  - 2. C
  - 3. A
  - 4. B

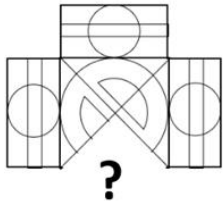
Question ID : 264330106641  
Status : Answered  
Chosen Option : 4

Q.5 Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pair of letter-clusters given below.  
PNL : XVT

- Ans
- 1. FDB : JLN
  - 2. FDB : NLJ
  - 3. CEF : JLM
  - 4. FED : JKL

Question ID : 264330103842  
Status : Answered  
Chosen Option : 2

**Q.6** Select the option figure that will replace the question mark (?) in the given figure to complete the pattern.



**Ans**

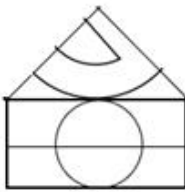
✓ 1.



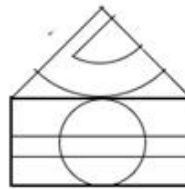
✗ 2.



✗ 3.



✗ 4.



Question ID : 26433068863

Status : Answered

Chosen Option : 1



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**Q.7** Select the figure from the options that can replace the question mark (?) and complete the given pattern.

3	<input type="checkbox"/>	N	O	6	K	<input type="checkbox"/>	↑	?				
K	↑	O	6	3	<input type="checkbox"/>	N	O		↑	3	6	K
6	N	K	↑	3	<input type="checkbox"/>	N	O					

Ans

✗ 1.

O		N
K	↑	3
6		<input type="checkbox"/>

✗ 2.

O		N
K	<input type="checkbox"/>	3
↑		6

✓ 3.

3		N
<input type="checkbox"/>	↑	O
6		K

✗ 4.

3		6
<input type="checkbox"/>	N	O
↑		K

Question ID : 26433085805  
 Status : Not Answered  
 Chosen Option : --

Q.8 In a certain code language, 'ART' is coded as 93 and 'BUY' is coded as 84. How will 'CHIEF' be coded in that language?

- Ans
- 1. 87
  - 2. 31
  - 3. 43
  - 4. 13

Question ID : 26433074522

Status : Not Answered

Chosen Option : --

Q.9 Which two signs and two numbers should be interchanged in the following equation to make it correct?

$$17 \div 2499 + 853 = 1000$$

- Ans
- 1. 17 and 853, + and =
  - 2. 1000 and 853, + and ÷
  - 3. 17 and 2499, + and +
  - 4. 17 and 853, + and ÷

Question ID : 26433079141

Status : Answered

Chosen Option : 4

Q.10 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All boats are trucks.

All trucks are cars.

Some cars are green.

Conclusions:

I. Some cars are boats.

II, All trucks are green.

III. All green are cars.

- Ans
- 1. All conclusions follow.
  - 2. Only conclusion II follows.
  - 3. Only conclusion III follows.
  - 4. Only conclusion I follows.

Question ID : 26433074647

Status : Not Answered

Chosen Option : --



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Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.  
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Pen : Ink :: Bulb : ?

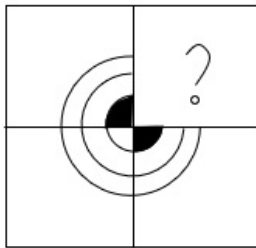
- Ans  1. Socket  
 2. Electricity  
 3. Switch  
 4. Plug





Question ID : 26433076677

Status : Answered

Chosen Option : 2

Q.12 Select the option that will replace the question mark (?) in the given figure to complete the pattern.



- Ans  1.   
 2.   
 3.   
 4. 

Question ID : 26433055731

Status : Answered

Chosen Option : 4

Q.13 'A + B' means 'A is brother of B'  
'A - B' means 'A is mother of B'  
'A × B' means 'A is husband of B'  
'A ÷ B' means 'A is sister of B'  
If F × U - R + K ÷ E ÷ W, then which of the following statements is NOT correct?

- Ans  1. R is the brother of W.  
 2. E is the daughter of U.  
 3. F is the brother of the father of W.  
 4. K is the son of F.

Question ID : 26433092593

Status : Answered

Chosen Option : 3



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Q.14 Three of the following four letter-clusters are alike in a certain way and one is different.  
Select the one that is different.

- Ans  1. BYEX  
 2. CXFW  
 3. EVHU  
 4. AZCY

Question ID : 26433081756  
Status : Answered  
Chosen Option : 4

Q.15 Select the combination of letters, which when sequentially placed in the blanks of the given series, will complete the series.  
AAA \_ BC \_ DDEE \_ GGG \_ \_ I

- Ans  1. ADFHH  
 2. BCEGH  
 3. BDFFH  
 4. BDFHH

Question ID : 26433067492  
Status : Answered  
Chosen Option : 1

Q.16 Five friends F, G, H, I and J are sitting around a circular table facing the centre. H is sitting third to the left of F. G is sitting to the immediate left of J and to the immediate right of H. Who is sitting to the immediate right of I?

- Ans  1. J  
 2. F  
 3. H  
 4. G

Question ID : 264330102512  
Status : Answered  
Chosen Option : 2

Q.17 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.  
L \_ \_ OP \_ MN \_ PLM \_ O \_ LM \_ \_ P

- Ans  1. PQSTSTOQ  
 2. MNLONPNO  
 3. OPLONONO  
 4. MNQONPNR

Question ID : 26433069622  
Status : Answered  
Chosen Option : 2



Q.18 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Tension
2. Telecom
3. Tonight
4. Touched
5. Thereby

Ans  1. 2, 1, 5, 3, 4

2. 1, 2, 5, 3, 4

3. 2, 5, 1, 4, 3

4. 5, 2, 4, 1, 3

Question ID : 26433095988

Status : Answered

Chosen Option : 1

Q.19 There are seven students A, B, C, D, E, F and G. Each scored different marks in a test. B got higher marks than C but scored less marks than F. D scored higher marks than G, who scored the least marks among all. A scored higher than F but less than E. C scored higher than D but less than B. Who scored the second highest marks among all?

Ans  1. A

2. F

3. E

4. B

Question ID : 26433068879

Status : Answered

Chosen Option : 1

Q.20 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.  
57 : 3251 :: 61 : ? :: 76 : 5778

Ans  1. 3721

2. 3750

3. 3723

4. 3725

Question ID : 26433082664

Status : Answered

Chosen Option : 3

Q.21 Looking at a picture, a lady named Gita said, "He is my daughter-in-law's husband's father"?

- Ans
1. Sister
  2. Mother-in-law
  3. Wife
  4. Mother

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Question ID : 264330106639

Status : Answered

Chosen Option : 4



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Q.22 P, Q, R, S, T, U, V and W are sitting around a square table not facing the centre. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. Q is sitting to the immediate left of U. U is sitting to the immediate left of W. S is sitting between Q and R. T is sitting between P and R. V is sitting to the immediate left of P. W is sitting to the immediate right of U. Who is sitting third to the right of T?

- Ans
- 1. U
  - 2. Q
  - 3. R
  - 4. S

Question ID : 26433074618  
Status : Answered  
Chosen Option : 2

Q.23 Which of the following numbers will replace the question mark (?) in the given series?  
15, ?, 39, 56, 75, 98, 127

- Ans
- 1. 24
  - 2. 36
  - 3. 26
  - 4. 30

Question ID : 26433090052  
Status : Not Answered  
Chosen Option : --

Q.24 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- 1) All books are caps.
- 2) All caps are shirts.

Conclusions:

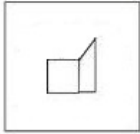
- I. All books are shirts.
- II. All shirts are caps.

- Ans
- 1. Neither conclusion I nor II follows
  - 2. Only conclusion I follows
  - 3. Only conclusion II follows
  - 4. Both conclusions I and II follow

Question ID : 26433092428  
Status : Answered  
Chosen Option : 2

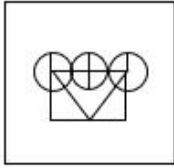


**Q.25** Select the option in which the given figure is embedded (rotation is NOT allowed).

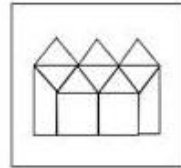


**Ans**

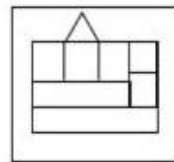
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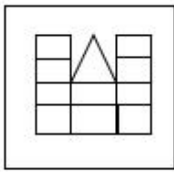
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433068614  
Status : Not Answered  
Chosen Option : --