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**Memory Based Paper
(Reasoning)
05 Feb, 2024**



25 Questions

Que. 1 In the following question, select the related number from the given alternatives.
 $8 : 81 :: ? : 64$

1. 3
2. 8
3. 7
4. 9

Correct Option - 3

Que. 2 Which of the following terms will replace the question mark (?) in the given series?
ALW, GEY, MXA, SQC, YJE, ?

1. ECG
2. DBI
3. DCH
4. EBH

Correct Option - 1

Que. 3 Five friends A, B, C, D and E study in the same college. In age, E is older than only A and B. D is younger than only C. A is not the youngest. How many friends are older than A?

1. 4
2. 2
3. 3
4. 1

Correct Option - 3

Que. 4 Which of the following terms will replace the question mark (?) in the given series?
MPT, PRU, STV, VVW, ?

1. YWX
2. YXW
3. YXX
4. ZXW

Correct Option - 3

Que. 5 Two Statements are given followed by two conclusions numbered I and II. 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 tables are strong.

No strong is weak.

Conclusions:

I. No tables are weak.

II. Some weak are tables.

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

Correct Option - 4

Que. 6 In a certain code language, 'WODMF' is written as 'ZRDKD'. How will 'EIDMC' be written in that language?

1. HDLAK
2. HDLKA
3. HLDKA
4. HALDA

Correct Option - 3

Que. 7 'Explicit' is related to 'open' in the same way as 'confidential' is to '_____'.


1. Clean
2. Free
3. Indirectly
4. Secret

Correct Option - 4

Que. 8 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

FAN 15, KFS 20, PKX 25, UPC 30, ?

1. YSL 40
2. YLS 45
3. ZVI 35
4. ZUH 35

Correct Option - 4

Que. 9

Select the number from among the given options that can replace the question mark (?) in the following series.
26, 31, 29, 34, 32, ?

- 1. 39
- 2. 37
- 3. 34
- 4. 30

Correct Option - 2

Que. 10 In a certain code language,
‘A + B’ means ‘A is the brother of B’,
‘A – B’ means ‘A is the mother of B’,
‘A × B’ means ‘A is the son of B’ and
‘A ÷ B’ means ‘A is the sister of B’.

If $C + D - L \div P \times Q \times V$, then which of the following statements is NOT correct?

- 1. C is P’s father’s brother.
- 2. L is Q’s daughter.
- 3. D is V’s son’s wife.
- 4. D is P’s mother.

Correct Option - 1

Que. 11 Which of the following numbers will replace the question mark (?) in the given series?
33, 80, 108, ?, 183, 230, 258

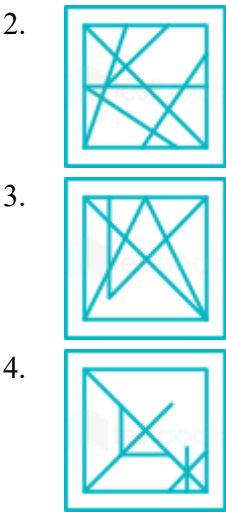
- 1. 160
- 2. 155
- 3. 143
- 4. 138

Correct Option - 2

Que. 12 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

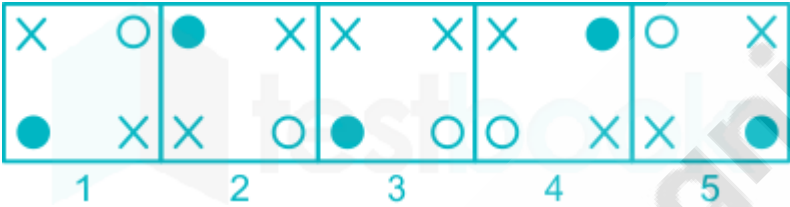


- 1.



Correct Option - 1

Que. 13 Choose the picture which is different from the others.



1. (1)
2. (2)
3. (3)
4. (4)

Correct Option - 3

Que. 14 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



1.
2.



Correct Option - 1

Que. 15 Three positions of a dice are given below. What will come on the face opposite to the face containing '9' on it?



- 1. #
- 2. 7
- 3. 2
- 4. 8

Correct Option - 1

Que. 16 What will be written in the place of question mark in the given series?
A1C3M13I9?16

- 1. N
- 2. O
- 3. M
- 4. P

Correct Option - 4

Que. 17 In a certain code language, 'ACCENT' is coded as 'CCATNE'. What is the code for 'VENDOR' in that code language?

- 1. VENROD
- 2. NVEDOR
- 3. NEVROD
- 4. NEVORD

Correct Option - 3

Que. 18 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

C _ R C _ R _ A R _ A _ C A _

1. R A C A C A
2. R A C A A C
3. A C R A C R
4. A A C C R R

Correct Option - 4

Que. 19 Select the number from among the given options that can replace the question mark (?) in the following series.

15, 22, 31, 42, 55, ?

1. 70
2. 71
3. 72
4. 68

Correct Option - 1

Que. 20 Shruti departs from her home and walks 26 m towards the east. She then turns left and walks 18 m. She turns right and walks 34 m. She takes a right turn again and walks 30 m. She then takes a left turn and walks 10 m. She takes a final left turn and walks 12 m to stop at Point X. How far and in which direction is her home from Point X? (Assume that all the turns are 90° turns only.)

1. 65 m east
2. 55 m east
3. 70 m west
4. 60 m west

Correct Option - 3

Que. 21 Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.

1. LJI
2. GDA
3. NLK
4. TRQ

Correct Option - 2

Que. 22 What is the total number of triangles in the given figure?



- 1. 6
- 2. 8
- 3. 10
- 4. 12

Correct Option - 3

Que. 23 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)

Anklet : Ankle :: Bracelet : ?

- 1. Ear
- 2. Wrist
- 3. Waist
- 4. Neck

Correct Option - 2

Que. 24 Which of the following answer figures is the water image of the given figure?



- 1.
- 2.

3.



4.



Correct Option - 1

Que. 25

If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression?

$$3 - 21 + 153 \times 17 \div 26$$

1. 84
2. 80
3. 76
4. 58

Correct Option - 2