Q.1 Among six objects F, G, H, J, K and L:

i. H is twice as heavy as K, and J is one and half times as heavy as F.

ii. G is half as heavy as J.

iii. F and J together are less heavy than H.

iv. J and L together are twice as heavy as F.

If the objects are arranged in descending order of their weight, which object will be second from the bottom?

Ans X 1. K

X 2. L

X 3. F

√ 4. G

Question ID: 65497816151

Chosen Option: 4

Q.2 Select the option that is related to the third number in the same way as the second number is related to the first number.

7:294::9:?

Ans

**1**. 648

**X** 2. 576

**X** 3. 881

**X** 4. 452

Question ID: 65497816135

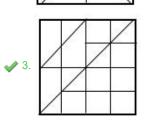
Get SSC MTS Study Notes at: https://sscportal.in/notes Q.3 Which option figure would come next in the following figure series? Ans Question ID: 65497816152 Chosen Option: 1 Q.4 Choose the set of numbers that is similar to the following set. {21, 29, 20} **X** 2. {19, 28, 17} **X** 3. {33, 35, 12} **X** 4. {7, 26, 24} Question ID: 65497816136 Chosen Option: 1 Q.5 If WIDOWER is coded as VKAOXCU, then how would FORTIFY be coded? Ans 🗳 1. EQOTJDB

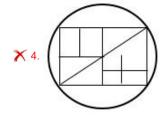
X 2. GMUSHDV

X 3. EOQSJCD

X 4. EPPTHDC

Question ID: 65497816140





Question ID : 65497816154

Chosen Option : 3

Q.7 If POUNDAGE is coded as NOPUEGAD, then how would STAMPING be coded?

Ans 🗳 1. AMSTGNIP

🗙 2. TSMGNPIA

X 3. TAMSGINP

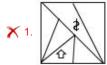
X 4. AMTSGNIP

Question ID: 65497816139

Q.8 Select the mirror image of the figure marked 'X', when the mirror is placed on the right side of the figure.



Ans













Question ID: 65497816155

Chosen Option: 2

Q.9 If 'FESTIVE' is coded as '16113215011' and 'HUNGER' is coded as '1427815114', then how will 'GRUDGE' be coded?

Δne

X 1. 12457111851

X 2. 14527811151

**X** 3. 15241718511

4. 15427181511

Question ID : 65497816142

Chosen Option: 4

Q.10 Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

### Statements:

- 1. Some streams are rivers.
- 2. No river is a lake.

#### Conclusions:

- I. No stream is a lake.
- li. Some rivers are streams.

Ans 🔀

X 1. Only conclusion I follows

2. Only conclusion II follows

X 3. Neither conclusion I nor conclusion II follows

X 4. Both conclusions I and II follow

Question ID : 65497816147

- Q.11 Six boys A, B, C, D, E and F are standing in a queue.
  - i. There are two boys between B and D, and D is just in front of E.
  - ii. A and C are adjacent to B.
  - iii. A is just behind E, and C is just in front of F.

Which two boys are exactly in the middle positions?

X 1. B and C

2. C and D

X 3. A and E

4. A and B

Question ID: 65497816149

Chosen Option: 4

Q.12 If the signs + and × are interchanged, then which of the following equations would be correct?

**Ans**  $\times$  1. 9 × 3 - 7 + 9 = 19

 $\times$  2. 10 × 5 ÷ 10 + 10 = 10

 $\times$  3. 4 ÷ 8 + 6 × 3 = 8

 $\checkmark$  4. 18 × 3 ÷ 12 + 8 = 20

Question ID: 65497816133

Chosen Option: 4

Q.13 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

LOTTERY: WQMTBTF:: SECULAR:?

Ans X 1. BDRTQZK

X 2. GTFUCUM

3. FGTUUCM

X 4. DFTUSBM

Question ID: 65497816143

Chosen Option: --

- Q.14 Eight friends P, Q, R, S, T, U, V and W are sitting in a row facing North.
  - i. Q sits to the immediate right of P, who is at one of the extreme ends of the line.
  - ii. Q sits third to the left of T.
  - iii. There are two persons between W and T.
  - iv. U is not an immediate neighbour of S and sits to the immediate left of V.
  - v. There are three persons between V and R.

Who are sitting between Q and T?

Ans

1. R and S

X 2. U and V

X 3. R and U

4. V and S

Question ID: 65497816150

Q.15 'Literature' is related to 'Poetry' in the same way as 'Painting' is related to '\_\_\_\_\_\_'.

Ans X 1. Colour

2. Portrait

X 3. Expression

X 4. Frame

Question ID: 65497816145

Chosen Option: 2

Q.16 Which two signs should be interchanged to make the given equation correct?

 $10 \div 5 - 4 \times 3 + 6 = 13$ 

Ans 🗳 1. + and ÷

X 2. - and ×

X 3. ÷ and ×

X 4. + and -

Question ID: 65497816134

Chosen Option: 1

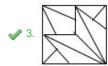
Q.17 Select the option figure, which when placed in the blank space of the figure marked 'X' would complete the pattern.



Ans









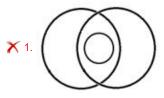
Question ID : 65497816153

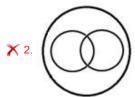
Get SSC MTS Study Notes at: https://sscportal.in/notes Q.18 If CROWN is coded as 68 and DEPEND is coded as 42, then how would IMAGERY be coded? Ans X 1. 68 X 2. 67 **3**. 71 **X** 4. 73 Question ID: 65497816141 Chosen Option: 3 Q.19 Which number will replace the question mark (?) in the following number series? 7, 9, 13, 16, 25, 29, ?, 50 Ans X 1. 47 **X** 2. 38 **X** 3. 41 **4**. 45 Question ID: 65497816138 Chosen Option: 4 Q.20 'Play' is related to 'Actor' in the same way as 'Concert' is related to '\_\_\_\_\_'. X 1. Symphony X 2. Piano 3. Musician X 4. Director Question ID: 65497816144 Chosen Option: 3

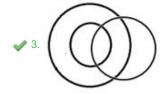
Q.21 Select the Venn diagram that best illustrates the relationship among the following classes.

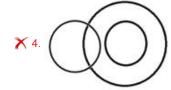
Women, Employed, Mothers

Ans









Question ID: 65497816157

Chosen Option: 3

Q.22 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

#### Statements:

- 1. All towns are cities.
- 2. No city is a village.
- 3. Some cities are corporations.

### Conclusions:

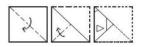
- I. Some corporations are villages.
- II. Some towns are corporations.
- III. No corporation is a village.

Ans

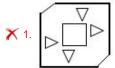
- 1. Only conclusion I follows
- X 2. Only conclusions I and II follow
- X 4. Only conclusion II follows

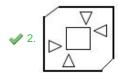
Question ID: 65497816148

Q.23 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?

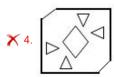


Ans









Question ID: 65497816156

Chosen Option: 2

Q.24 Which letter-cluster will replace the question mark (?) in the following series?

PMOR, RNNP, TOMN, VPLL, ?

Ans X 1. XRJK

2. XQKJ

🗙 3. VQJJ

X 4. YQKJ

Question ID: 65497816146

Chosen Option: 2

Q.25 Which number will replace the question mark (?) in the following number series?

91, 100, 94, 97, 101, 90, 112, ?

Ans X 1. 83

**X** 2. 123

**X** 3. 87

**4**. 79

Question ID: 65497816137