

SSC MTS 21st July 2022 Shift-3

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General Intelligence and Reasoning

1. In a certain code language, 'STOPER' is written as 'XNTJLL' and 'GANOPY' is written as 'LUSIUS'. How will 'FITAND' be written in that language?

- A) KDYUSX
- B) KCYUXS
- C) KCYUSX
- D) KCYVSX

Answer: C

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

410, 210, 110, 60, 35, ?

- A) 23
- B) 25
- C) 20
- D) 22.5

Answer: D

3. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

H64 : J100 :: L144 : N196 :: U441 : ?

- A) W582
- B) W529
- C) V484
- D) V221

Answer: B

4. 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:

I. No R is a G.

II. All G's are H.

Conclusions:

I. No H is a R.

II. No G is a R.

- A) Only conclusion II follows.
- B) Neither conclusion I nor II follows.
- C) Both conclusions I and II follow.
- D) Only conclusion I follows.

Answer: A

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

803, 844, 885, 926, ?

- A) 967
- B) 977
- C) 969
- D) 957

Answer: A

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6. 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.

RS : QT :: AK : ?

- A) IC
- B) HD
- C) HC
- D) ID

Answer: A

7. In a certain code language, 'PINT' is coded as '60', and 'HOME' is coded as '42'. How will 'TONE' be coded in that language?

- A) 54
- B) 55
- C) 56
- D) 53

Answer: B

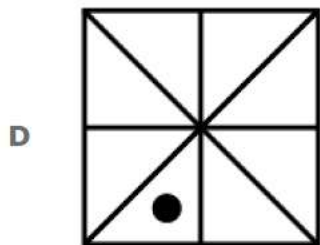
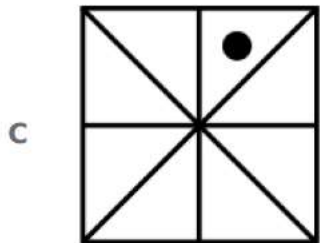
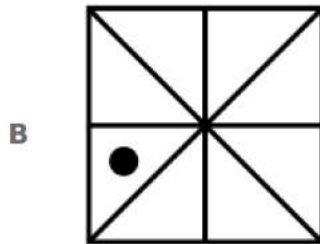
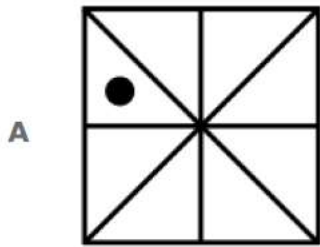
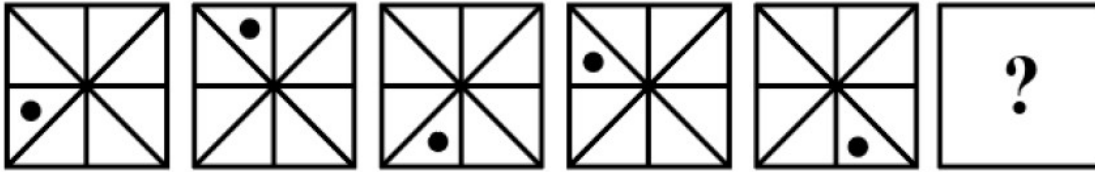
8. By interchanging which two signs will the given equation be correct ?

- A) - and ÷
- B) × and ÷
- C) + and -
- D) - and ×

Answer: B

9. Select the figure from among the given options that can replace the question mark(?) in the

following series.



Answer: B

10. Select the option in which the numbers shares the same relationship as that shared by the numbers in the given set.

(32, 70, 108)

- A) (44, 82, 124)
- B) (34, 72, 112)
- C) (42, 80, 118)
- D) (38, 76, 116)

Answer: C

11. Which two signs need to be interchanged to make the following equation correct ?

- A) \div and $-$
- B) \div and \times
- C) $+$ and $-$
- D) $+$ and \times

Answer: A

12. In a certain code language, 'GERMAN' is written as 'HFSLZM', and 'RUSTIC' is written as 'SVTSHB'. How will 'DIVIDE' be written in that language?

- A) CHUJEF
- B) CHUHCD
- C) EJWJEF
- D) EJWHCD

Answer: D

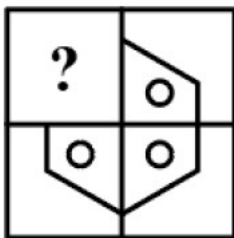
13. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

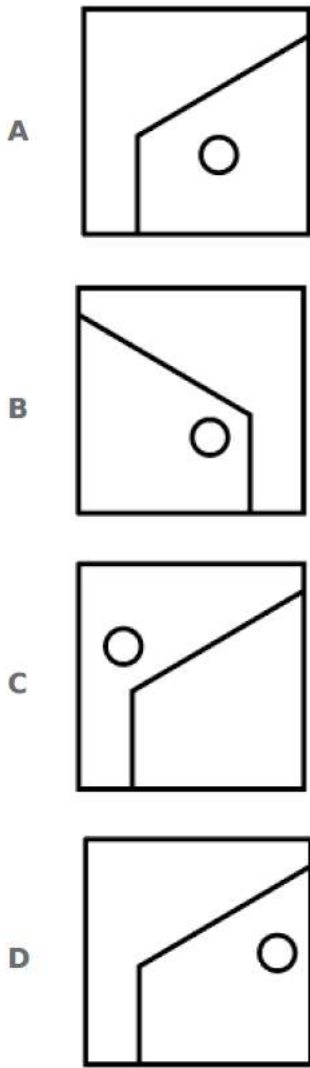
CWIS : VBPF :: AOLD : ?

- A) CQUG
- B) CXJU
- C) XJMU
- D) EXUW

Answer: C

14. Select the figure from the options that can replace the question mark (?) and complete the pattern. (rotation is not allowed)





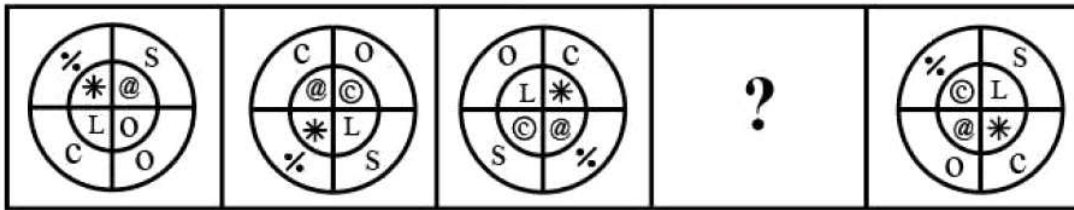
Answer: A

15. Amit, Bablu, Ramesh, Deepak, Imran, Sunil, and Sanju are sitting around a circular table facing opposite to the centre. Amit does not sit adjacent to Imran and Sanju. Bablu does not sit adjacent to Amit. Sanju sits second to the left of Imran. Ramesh sits fourth to the left of Amit. Deepak and Bablu sit adjacent to each other. Who sits immediate right of Amit?

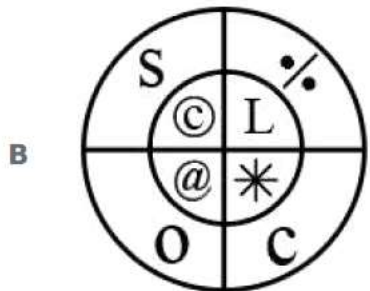
- A) Bablu
- B) Sunil
- C) Ramesh
- D) Sanju

Answer: B

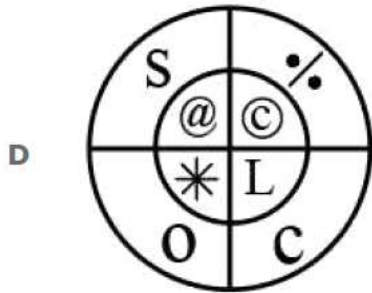
16. Select the figure from among the given options that can replace the question mark (?) in the following series.



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Answer: B

17. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

(7, 9, 130), (11, 9, ?), (16, 8, 320)

- A) 188
- B) 220
- C) 202
- D) 160

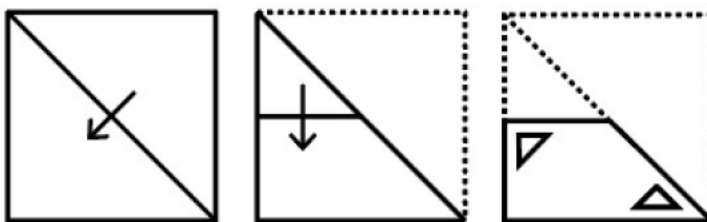
Answer: C

18. In a certain code language, 'POM' is coded as '43', and 'HAN' is coded as '22'. How will 'BRO' be coded in that language?

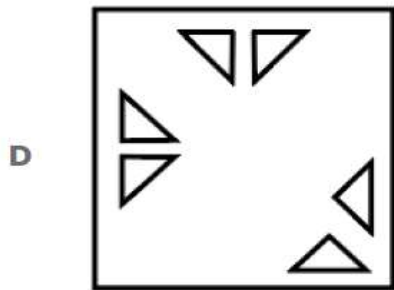
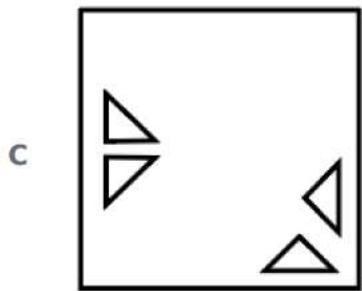
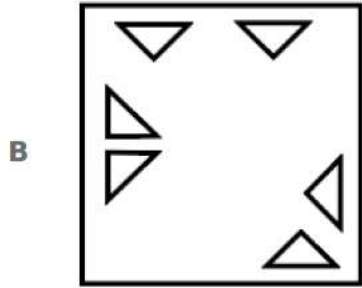
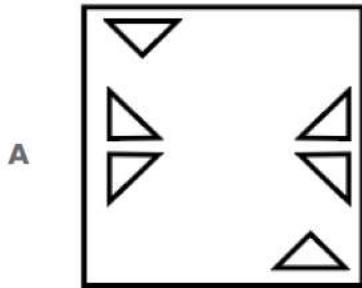
- A) 36
- B) 33
- C) 35
- D) 34

Answer: D

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



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Answer: D

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20. Five friends P, Q, R, S and T are sitting around a circular table facing towards the centre (not necessarily in the same order). Q is second to the left of T. S is the immediate neighbour of Q and T. R is not the immediate neighbour of Q. While counting from the left of Q, how many friends are sitting between Q and S?

- A) One
- B) Two
- C) Three
- D) Four

Answer: C

21. 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:

- Some holders are parameters.
- Some chambers are parameters.
- Some parameters are not measures.

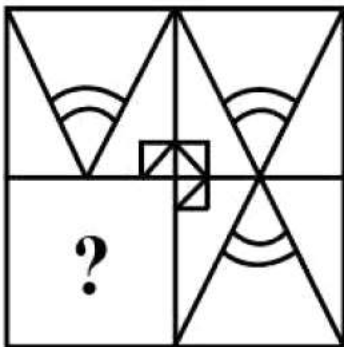
Conclusions:

- I. Some measures are chambers.
- II. Some holders are chambers.

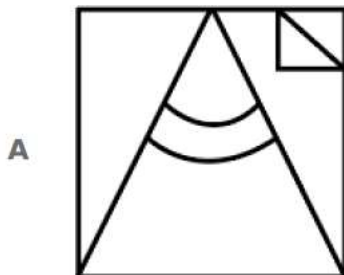
- A) Only conclusion I follows
- B) Both conclusions I and II follow
- C) Only conclusion II follows
- D) Neither conclusion I nor II follows

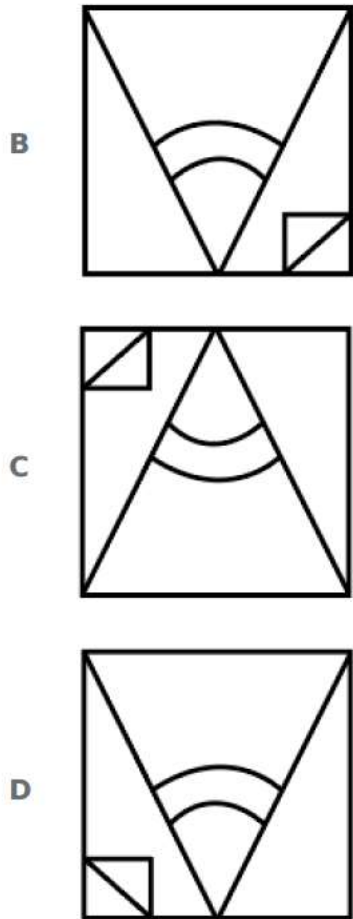
Answer: D

22. Select the option that can replace the question mark (?) in the given figure and complete the pattern.



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Answer: A

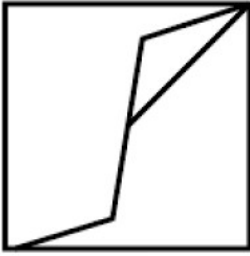
23. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BJT, DHV, FFX, ?, JBB

- A) HDY
- B) HCZ
- C) HDZ
- D) HCY

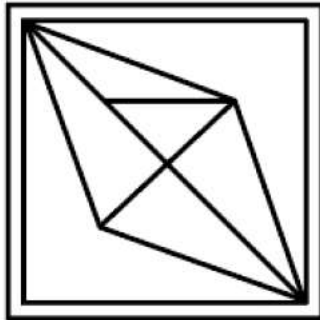
Answer: C

24. Select the option in which the given figure is embedded. (Rotation is not allowed)

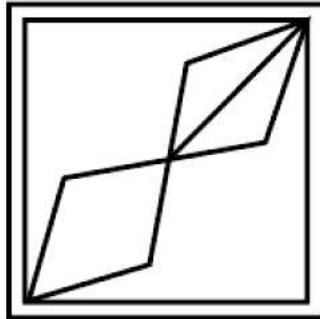


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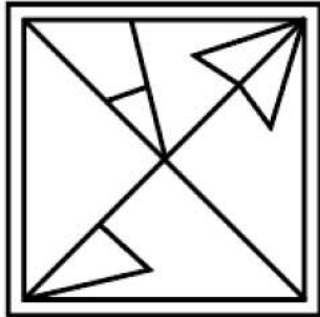
A



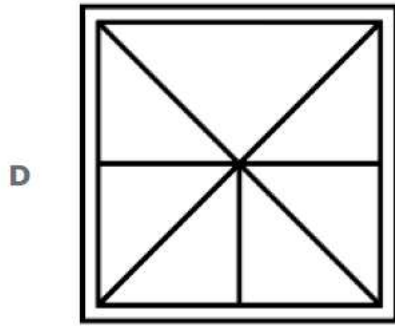
B



C



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Answer: B

25. Among five persons A, B, C, D and E, who are of different ages, A is younger than only D and E. E is younger than D and older than B. C is the youngest. Who is the fourth oldest?

- A) C
- B) D
- C) E
- D) B

Answer: D

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