



**SATISH CHANDRA MEMORIAL SCHOOL
METRER LEVEL I EXAMINATION 2024-25
STD VII**

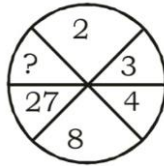
MM: 40

TIME : $\frac{3}{4}$ HR

GENERAL INSTRUCTIONS:

- >> All questions are compulsory.
- >> Each of the 40 questions carries 1 mark each.
- >> Read all questions carefully before answering.
- >> This question paper consist 40 reasoning based questions.

1. What will come in place of question mark?



- (a) 16 (b) 36 (c) 64 (d) 32

2. What will come in place of question mark?

5	9	15
16	29	?
49	89	147

- (a) 48 (b) 47 (c) 50 (d) 54

3. What will come in place of question mark?

20 , 20 , 19 , 16 , 17 , 13 , 14 , 11 , ?

- (a) 10 (b) 9 (c) 13 (d) 15

4. What will come in place of question mark?

5	8	14
9	6	21
7	2	?

- (a)12 (b) 13 (c) 14 (d) 15

5. What will come in place of question mark?

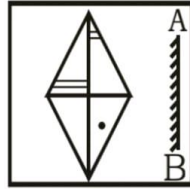
3 , 15 , 35 , 63 , 99 , ?

- (a) 114 (b) 143 (c) 142 (d) 153

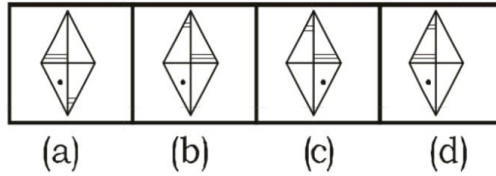
6. Rohit is 17th from left end of a row of 29 boys, Karan is 17th from the right end in the same row. How many boys are there between them in the row?
 (a) 3 (b) 5 (c) 6 (d) 4
7. In a certain code language, OPERATION is written as NODQZSHNM. How is INVISIBLE written in that code?
 (a) JOWJTJCMF (b) JOWJTHAKD (c) HMUHTJCMF (d) HMUHRHAKD
8. If in a code, MIND becomes KGLB and ARGUE becomes YPESC, then what will DIAGRAM in that code?
 (a) BGYEPYK (b) BGYPYEK (c) GLPEYKGB (d) LKBGYPK
9. If 'sand' is called 'air', 'air' is called 'plateau', 'plateau' is called 'well', 'well' is called 'island' and 'island' is called 'sky', then from where will a women draw water?
 (a) Air (b) Sky (c) Well (d) Island
10. If \times means $-$, $+$ means \div , $-$ means \times and \div means $+$ then
 $15 - 20 \div 900 + 90 \times 100 = ?$
 (a) 190 (b) 210 (c) 90 (d) 180
11. A, B, C, D, and E are five schools facing towards North. A is the middle of E and B, E is to the right of D. If C and D are at two ends. Which school is on the left side of C?
 (a) E (b) A (c) D (d) B
12. Six persons A, B, C, D, E and F are standing in a circular boundary facing center. B is between C and F. A is between E and D. F is to the left of D who is seating between A and F?
 (a) E (b) D (c) C (d) B
13. A class of boys stands in a single line. One boy is nineteenth in order from both the ends. How many boys are there in the class?
 (a) 27 (b) 37 (c) 38 (d) 39
14. If $A = 2$, $M = 26$, $Z = 52$ then $SUN = ?$
 (a) 118 (b) 98 (c) 108 (d) 128
15. Q is the brother of R, P is the sister of Q, T is the brother of S, S is the daughter of R. Who are the cousins of Q?
 (a) R and P (b) P and T (c) Q and T (d) S and T
16. X is in the East of Y which is in the North of Z. If P is the East of Z then in which direction Of X is P?
 (a) South- East (b) South-West (c) West (d) South
17. A is 6 km West from B and C is 4 km North to B. D is 12 km South from C. How far is D from A?
 (a) 10 km (b) 14 km (c) 8 km (d) 22 km
18. Arrange the given words in the sequence in which they occur in the dictionary.
 1. Yangtze 2. Yakking 3. Yakuzas 4. Yobbery 5. Yobbish
 (a) 24531 (b) 23145 (c) 54231 (d) 54321

19. A series is given, with one term missing . Choose the correct alternatives from the given ones that will complete the series
K, J, L, I, M ?
 (a) G (b) H (c) F (d) N
20. If a mirror is placed on the line AB, then which of the answer figure is the right image of the given figure?

Question Figure:



Answer Figure:

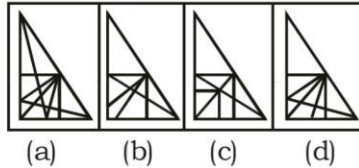


21. Which answer figure will complete the pattern in the question figure?

Question Figure:



Answer Figures:

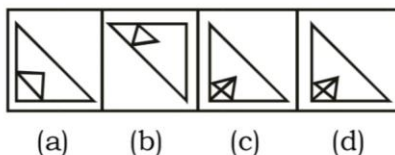


22. Which answer figure will complete the pattern in the question figure?

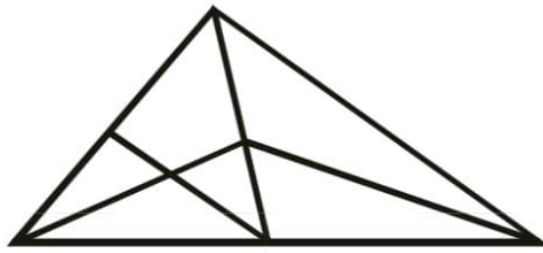
Question Figure:



Answer Figures:

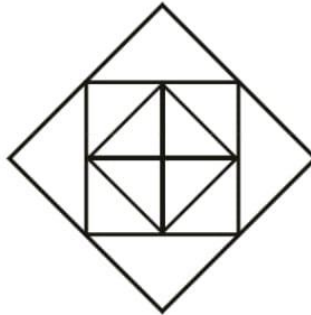


23. How many triangles are there in the following figure?



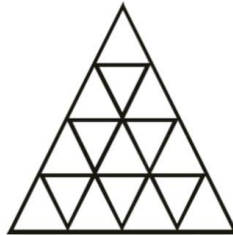
- (a) 11 (b) 9 (c) 13 (d) 15

24. How many squares are there in the following figure?



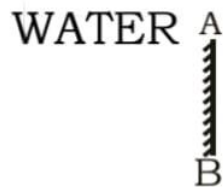
- (a) 19 (b) 7 (c) 17 (d) 21

25. How many triangles are there in the following figure?



- (a) 29 (b) 27 (c) 23 (d) 30

26. If a mirror is placed on the line AB, then which of the answer figure is the right image of the given figure ?



- (a) ЯELAW (b) ЯWLEA
 (c) ЯETAW (d) ЯWLEA

27. A shepherd had 38 sheep but 18 died. How many sheep were left?

- (a) 18 (b) 38 (c) 20 (d) 24

28. A man walked 60 m to the East from point A then turned right and walked 50 m. At last he turned left and went for 60 m and reached at point B. Find the distance between A and B.

- (a) 170 m (b) 130 m (c) 145 m (d) 150 m.

29. The Hour-hand of a clock is in the North at 4:30. Find the direction of minute hand at 7 o'clock

- (a) South-East (b) South-West (c) East (d) South.

30. If A= 1, AND =19 then BAT =?

- (a) 22 (b) 23 (c) 21 (d) 20.

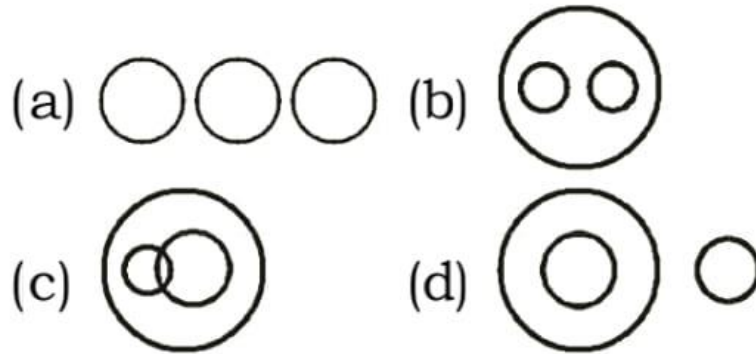
31. If PENCIL is coded as ?@*=#7 and PAPER is coded as ?9#@5 . Then how you will code CLIP?

- (a) @7*? (b) @?#? (c) =7?# (d) =7#?

32. If GET is coded as 7520 , what code number can be given to RURAL ?

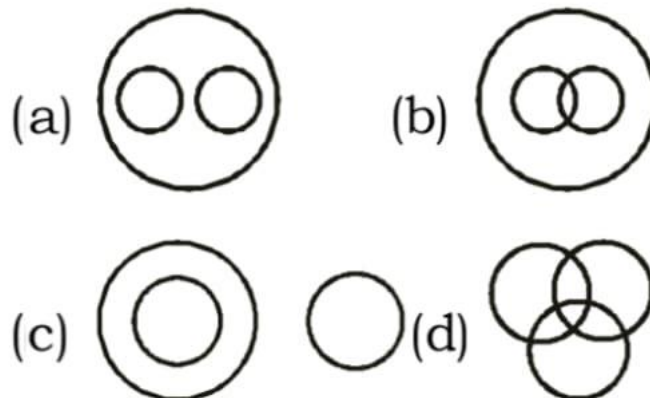
- (a) 182118112 (b) 182120112 (c) 182218112 (d) 181918112

33. Which of the following diagrams best depicts the relationship among Indoor games , Chess, Table Tennis



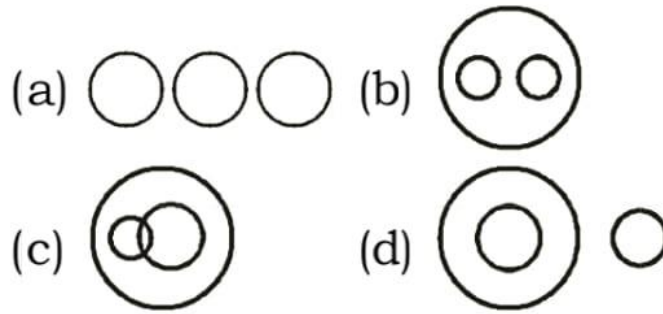
34. Which of the following diagrams best depicts the relationship among Mammals, Crows, Cows

Mammals, Crows, Cows

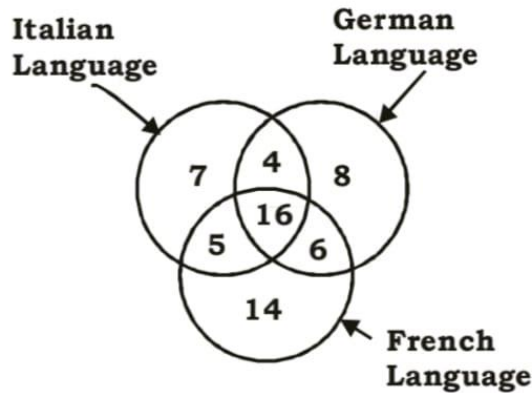


35. Which of the following diagrams best depicts the relationship among

Table, Chair, Furniture



36. In the given figure, how many people speak Italian and French language?



- (a) 21 (b) 16 (c) 27 (d) 20

37. If $876 = 12$, $864 = 81$ and $895 = 22$ then what is $824 = ?$

- (a) 14 (b) 64 (c) 48 (d) 41

38. If $246 = 8$, $624 = 0$ and $327 = 6$ then what is $423 = ?$

- (a) 10 (b) 9 (c) 8 (d) 1

39. If $9 \times 8 \times 7 = 24$, $4 \times 7 \times 3 = 14$ and $2 \times 1 \times 9 = ?$

- (a) 10 (b) 18 (c) 11 (d) 12

40. A book has 300 pages and each page has 20 lines of 10 words each. How many words are there in the book altogether?

- (a) 6000 (b) 60000 (c) 66000 (d) 600000