



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

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.

Q1. In a certain code , 'SOBER' is written as 'RNADQ'. How 'LOTUS' can be written in that code?

- a) KNSTR b) MPUWT c) KMSTR d) LMRST

Q2. If 'WATER' is written as 'YCVGT', then what is written as 'HKTG'?

- a) IRFE b) FIRE c) REFI d) ERIF

Q3. In a certain code, 'TERMINAL' is written as 'NSFUMBOJ' and 'TOWERS' is written as 'XPUTSF'. How is 'MATE' written in the same code?

- a) FUBN b) UFNB c) BNFU d) BNDS

Q4. In a certain code, 'CERTAIN' is coded as 'XVIGZRM' 'SEQUENCE' is coded as 'HVJFVMXV'. How would 'REQUIRED' be coded?

- a) FJIVVVIR b) VJIFWTRV c) WVJRIFVI d) IVJFRIVW

Q5. In a certain code , 'BUILDER' is written as 'JVCKSFE'. How is 'SEALING' written in same code?

- a) BFTKHOJ b) JOHKBFT c) TFBKHOJ d) BFTKJOH

Q6. Ramesh goes towards North , turns right , then turns right again and then goes to the left. Which direction is Ramesh facing now?

- a) East b) West c) South d) North

Q7. Rakesh leaves from his house. He walks 10 m in North-West direction and then 20 m in South-West direction .Next, he moves 20 m in South-East direction. Finally , he turns towards his house .In which direction is Rakesh going?

- a) South-East b) North-West c) South-West d) North-East

Q8. From his house, Deepak went 25 km to North. Then , he turned West and covered 15 km. Then, turned South and covered 10 km. Finally , turning to East , he covered 15 km. In which direction is he from his house?

- a) North b) South c) West d) East

Q9. Find the missing number in the series: 11, 13, 17, 19, 23, 25 , ?

- a) 29 b) 27 c) 31 d) 37

Q10. Find the missing number in the series : 2, 5, 10, 17, 26, 37, ?

- a) 40 b) 42 c) 49 d) 50

Q11. Find the missing number in the series: 4, 7, 11, 18, 29, 47, ?, 123, 199

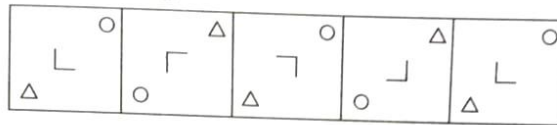
- a) 76 b) 70 c) 84 d) 102

Q12. Find the missing number in the series : 3, 9, 6, 36, 30, ?

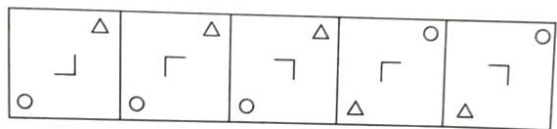
- a) 270 b) 250 c) 200 d) 300

Direction (Q.Nos.13 -16) In each of the question given below which one from the four/five answer figures should come at the right of the problem figures to complete the series logically.

Problem Figures

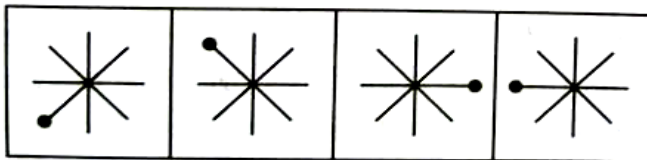


Answer Figures

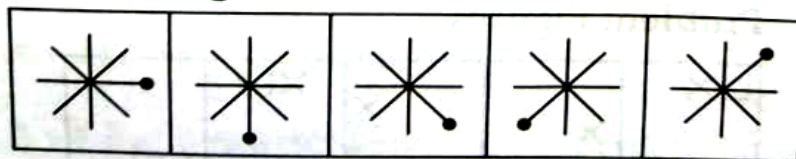


Q.13.

Problem Figures

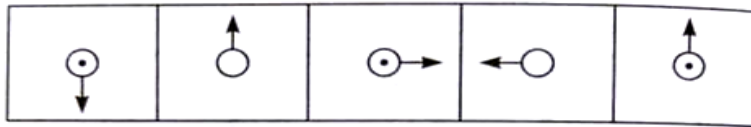


Answer Figures

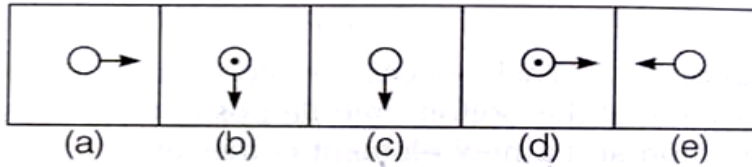


Q14.

Problem Figures

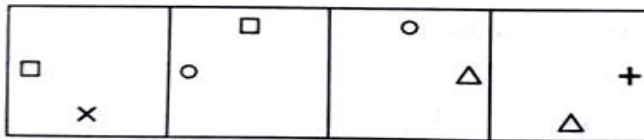


Answer Figures

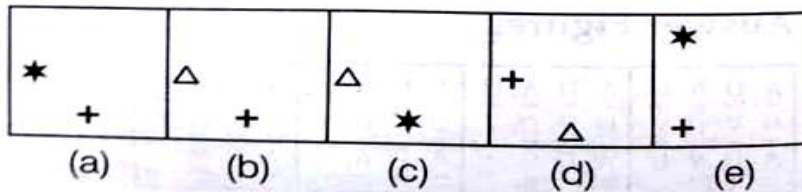


Q15.

i. Problem Figures



Answer Figures



Q16.

Q17. The day before the day before yesterday is three days after Saturday. What day is it today?

- a) Tuesday b) Wednesday c) Thursday d) Friday

Q18. The last day of a century cannot be either

- I. Tuesday II. Thursday III. Saturday IV. Sunday
 a) I and II b) I and IV c) I, II and III d) I, III and IV

Q19. If today is Thursday, then what will be the day on 363rd day?

- a) Sunday b) Saturday c) Thursday d) None of these

Q20. Today is Monday. After 61 days, it will be:

- a) Wednesday b) Saturday c) Tuesday d) Thursday

Q21. If it is Saturday on January 1, 2000, then January 1, 2001 would have been

- a) Monday b) Tuesday c) Friday d) Saturday

Q22. A policeman left his police post and proceeded 4 km South on hearing a loud sound from point A. On reaching the place, he heard another sound and proceeded 4 km to his left to the point B. From B, he proceeded left to reach another place C, 4 km away. In which direction, he has to go to reach his police post?

- a) North b) South c) East d) West

Q23. One morning at 7 O'clock, Naresh started walking with his back towards the Sun. Then, he turned towards left, walked straight and then turned towards right and walked straight. Then, he again turned towards left. Now, in which direction is he facing?

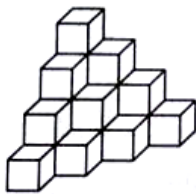
- a) North b) East c) West d) South

Q24. How many cubes are there in this diagram?



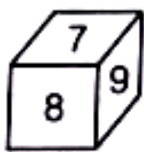
- a) 16 b) 12 c) 10 d) 8

Q25. How many cubes are there in the group?

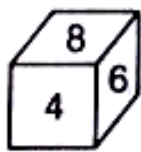


- a) 10 b) 16 c) 18 d) 20

Q26. Two positions of a cube are shown below. What will come opposite to face containing '9'?



(i)



(ii)

- a) 7 b) 4 c) 6 d) 4 or 6

Q27. Two positions of a dice are shown below when number 1 is on the top. What number will be there at the bottom?



(i)



(ii)

- a) 2 b) 3 c) 5 d) Data inadequate

Q28. Looking at a woman sitting next to him, Amit said, "She is the sister of the husband of my wife". How is the woman related to Amit?

- a) Daughter b) Sister c) Wife d) Niece

Q29. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

- a) Nephew b) Son c) Cousin d) Uncle

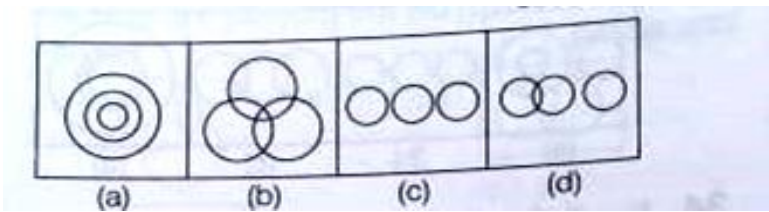
Q30. Introducing a boy, a girl says, He is the son of the only sister of my mother's brother'. How is the boy related to that girl?

- a) Father-in-law b) Brother c) Cousin d) Niece

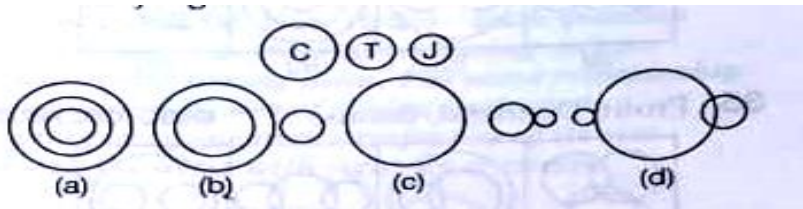
Q31. A and B is a married couple. C and D are brothers. C is the brother of A. How is D related to B?

- a) Brother-in-law b) Brother c) Son-in-law d) Cousin

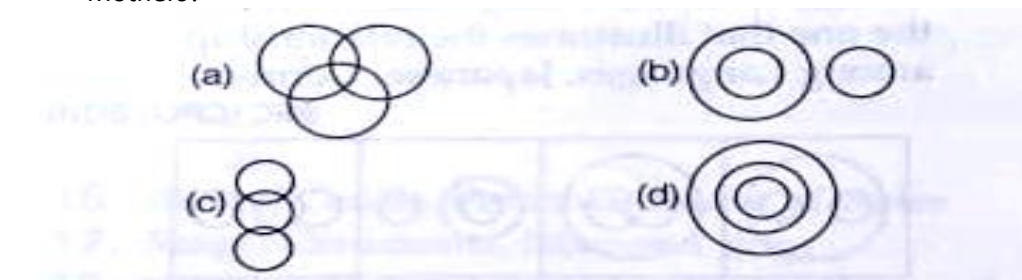
Q32. Which figure best represents the relationship between Editor, Newspaper and Journalist?



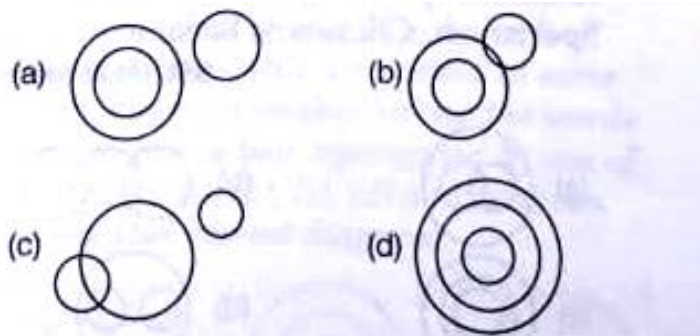
Q33. Which of the following figures best depicts the relationship among criminals, thieves and judges?



Q34. Which diagram best describes the relationship between Human beings, Daughters, Mothers?



Q35. Which of the following diagrams indicate the best relation among Sports , Football , Lizard?



Directions(Q.Nos.36-40)In the following question , three out of the four alternatives are same in a certain way and so form a group. Find the odd one that does not belong to the group.

- Q36. a) Sun b) Mercury c) Mars d) Venus
- Q37. a)Cloth b) Plastic c) Thread d)Cotton
- Q38. a) Barter b) Purchase c) Sale d) Borrow
- Q39. a) Flower b) Stem c) Branch d) Roots
- Q40. a)Sky b) Star c) Planet d) Comet