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# Indian Overseas Bank Clerk Exam
# Reasoning Solved Question Paper 2007

## Test-I: Reasoning

**Directions (Q. 1-2): Study the following information and answer the questions given below.**

(i) Aradhana building having 3 floors (ground floor + 2 floors) is facing East. Each floor has 3 flats with one at the centre facing East.

(ii) Out of flats A, B, C, D, E, F, G, H and I (not in the same order), flats G and F are the adjacent pair of flats of flat B which is on the second floor and exactly above E.

(iii) Flat 'I' facing East is not on the ground floor and does not have 'D' and 'H' as adjacent pair of flats.

1. Which flat is just to the right of flat I?
1) C 2) A 3) Either C or A
4) Data inadequate 5) None of these

2. Which flat will be at the left of flat E on the ground floor?
1) Either D or H 2) D only 3) H only
4) A only 5) None of these

3. If '$\sqrt{}$' means 'square', '×' means '+', '–' means '×', '+' means '÷', then

$\sqrt{20}+25\times5-3=?$

1) 63 2) 10 3) 31
4) 1015 5) None of these

4. If it is possible to make a meaningful word with the third, the sixth, the seventh and the tenth letters of the word STETHOPHONE write first letter of that word as the answer. If no such word can be made, give 'X' as the answer, if more than one word can be made, give 'M' as the answer.
1) M 2) X 3) O
4) P 5) N

5. In a group of five friends A, B, C, D and E, 'B' is younger to 'C' but elder to 'A'. If they are arranged in ascending order of age, then 'D' gets fifth rank, who is the youngest in age?
1) B 2) A 3) Either E or C
4) Only C 5) None of these

6. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Sweet 2) Cold 3) Sour
4) Bitter 5) Salty

7. In a certain code language "dim phu te" means "He likes cricket", "son ri" means "good food". How "good cricket" will be written in that language?
1) son te 2) dim ri 3) son phu
4) Data inadequate 5) None of these

8. If 'A + B' means 'A is brother of B', 'A – B' means 'A is father of B', 'A + B' means 'B is sister of A' and 'A × B' means 'A is grandfather of B', which of the following means 'L is niece of M'?
1) M + P – N 2) M + P – N + L 3) L + N – P + M
4) M + N – L 5) None of these

9. Bus for Chikodi village is after every hour from 7.30 am to 12.30 pm but after that it is after every one and half hours gap. One bus has gone half an hour ago, Vilas was told by a depot clerk at 5.30 pm. When was the next bus scheduled?
1) 6 pm 2) 7 pm 3) 7.30 pm
4) Data inadequate 5) None of these

10. "In a class of 50 students, one-fifth play cricket and hockey, only 10 students play both hockey and table tennis, 50 per cent play only cricket". If this statement is true, then which of the following is definitely true in the context of the above statement?
1) 10 students play only table tennis
2) Only 25 students can play cricket
3) 30 per cent of the students do not play any game
4) 70 per cent of the students can play more than one game
5) 35 students can play cricket

11. What will come in place of the question mark (?) in the following letter-number series?
ZG13 ? VM17 TP19
1) RS15 2) YI17 3) QR21
4) XJ15 5) None of these

12. If the days of the week are replaced by every alternate letter of the English alphabet, with Wednesday replaced by E, Thursday by G and so on, then fifth day beginning from Friday will be shown by which of the following ?
1) E 2) I 3) O
4) R 5) None of these

13. In a certain code PERSONIFICATION is written as FSREIONNACIOITP. How is REINCORPORATION written in that code?
1) NNIEROCRAROOITP
2) PNIEROCNAROOITR
3) NROCNIEPOITAROR
4) PARONOITROCNIER
5) None of these

14. If the second half of the letters of the word TRANSPORTATIONAL are reversed and placed before first half of the letters, which letter will be the third to the right of the thirteenth letter from the right?
1) R 2) N 3) L
4) A 5) None of these

15. In a class of students, Sairam's rank is 23rd from top in Mathematics, whereas his rank is 27th from below in Physics. How many students are there in the class?
1) 50 2) 40 3) 48
4) Data inadequate 5) None of these

16. In a certain code REJOIN is written as OJPKFS. How would SCRIPT be written in that code?
1) UQJSDT 2) SOHQBR 3) TDSJQU
4) URJTDU 5) None of these

**Directions (Q. 17-20): Study the following information and answer the questions given below.**

A swimming coach has to select some students out of 26 students. He gave them random numbers from 2 to 7 after arranging them in a row as shown below:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
5 2 7 5 3 4 2 6 5 6 6 3 7 7 6 3 5 7 4 4 6 2 4 3 5 2

17. If students having 5 or 7 number but are flanked by even numbered students are to be chosen, which of the following will be the answer?
1) B, F 2) D, M 3) Y, Q
4) Q, N 5) None of these

18. If students having even number but have odd number-bearing students on both sides are to be chosen, how many students will be chosen?
1) Two 2) Three
3) Four 4) More than Four
5) None of these

19. If those students who are having even number but have student bearing odd number ahead and are followed by even numbered students are to be chosen, which of the following represents that group of students?
1) BFK 2) FJS 3) WSK
4) PWG 5) None of these

20. If a group of 3 students, who are adjacent to each other and who bear odd numbers only are to be formed, then how many groups which do not have common students will be formed?
1) Five 2) Four 3) Three
4) Two 5) None of these

**Directions (Q. 21-23): Study the following letter-number arrangement and answer the questions given below.**

5 Q R S T D 4 B A C E U M L W J 6 G F 3 H 2 N K P

21. If the last fifteen letters/numbers are written in the reverse order, which of the following will be the sixth to the left of seventeenth letter from left?
1) W 2) K 3) U
4) M 5) None of these

22. Which of the following will come in place of the question mark (?) in the following sequence?
TR2, DSG, 4TL, ?
1) BDC 2) 5RU 3) A4E
4) WME 5) None of these

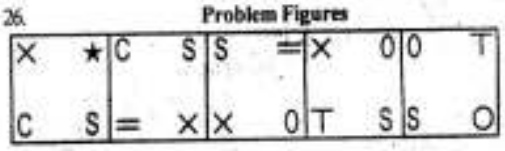
23. Which of the following will be the fourth to the right of the fifteenth letter/number from left?
1) K 2) E
3) 4 4) F
5) None of these

24. Sudhir was facing West, he turned to his right by 45° and walked 15 metres then took a turn of 180° and walked 40 metres, which direction will he be facing now from the original point?
1) North-West 2) North-East
3) South-West 4) South-East
5) None of these

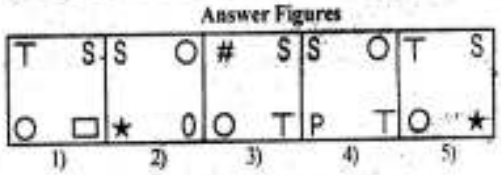
25. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Deliberate 2) Discuss
3) Settle 4) Argue
5) Debate

**Directions (Q. 26-40): There are two sets of figures. One set is called Problem Figures while the other set is called Answer Figures. Problem set figures form some kind of series. You have to select one figure from the Answer set figures which will continue the same series as given in Problem set figures.**

26. **Problem Figures**

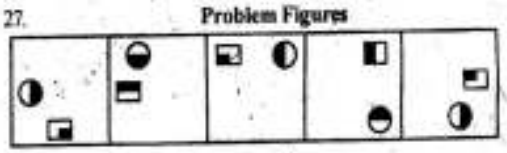


**Answer Figures**

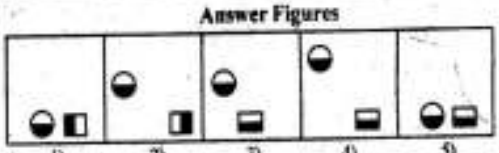


1) 2) 3) 4) 5)

27. **Problem Figures**

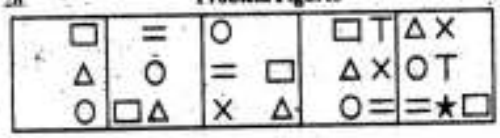


**Answer Figures**



1) 2) 3) 4) 5)

28. Problem Figures



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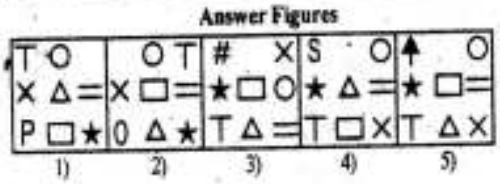

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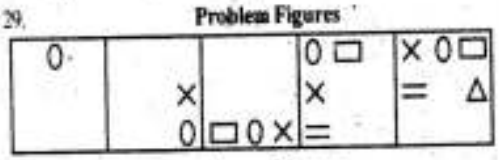
29. Problem Figures



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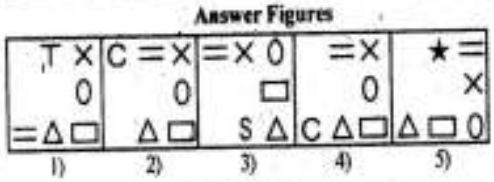
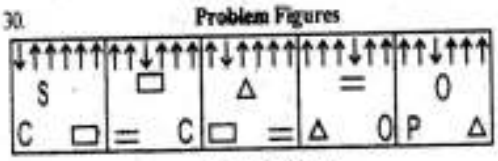


1) 2) 3) 4) 5)

30. Problem Figures



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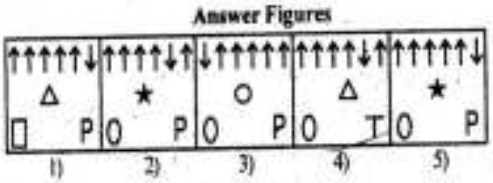

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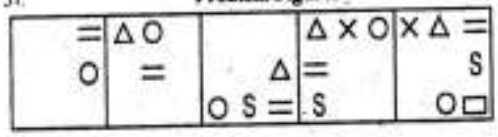
31. Problem Figures



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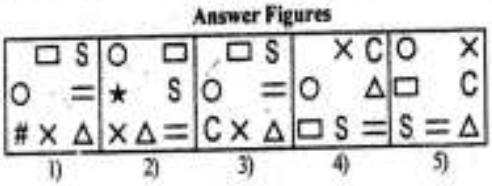

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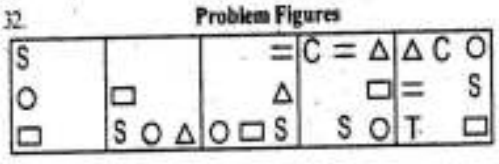
32. Problem Figures



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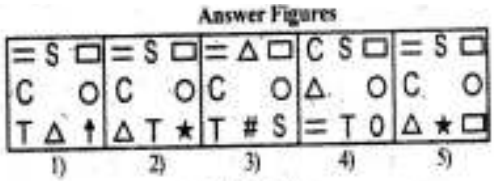

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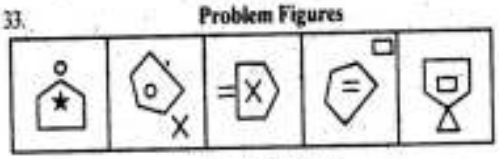

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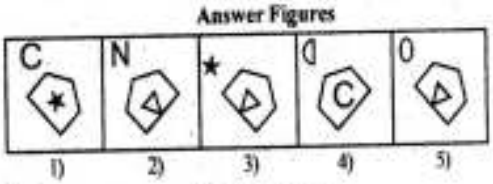

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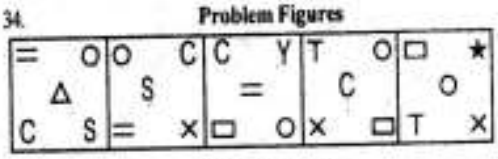
34. Problem Figures



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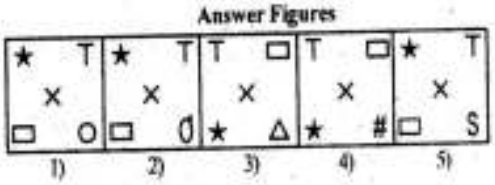
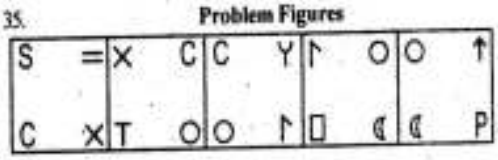


1) 2) 3) 4) 5)

35. Problem Figures



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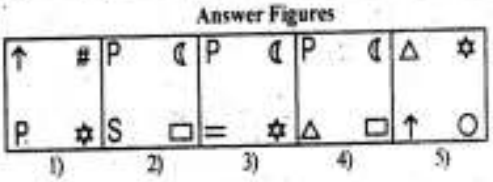

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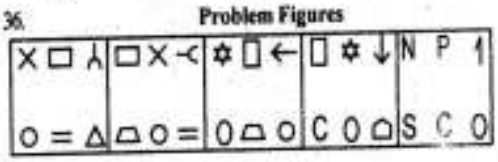
36. Problem Figures



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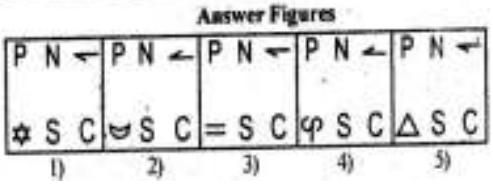

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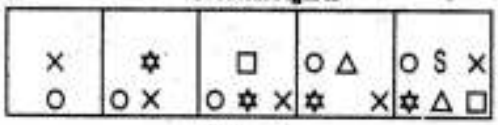
37. Problem Figures



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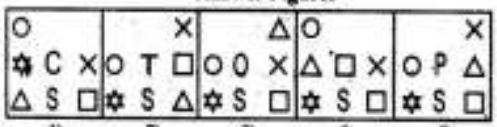
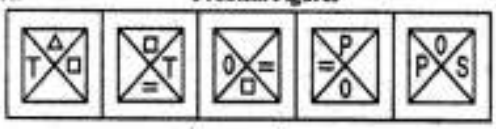


1) 2) 3) 4) 5)

38. Problem Figures



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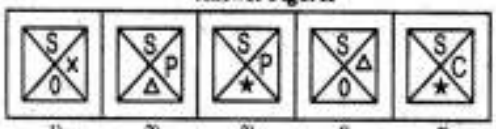

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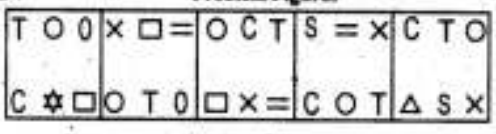
39. Problem Figures



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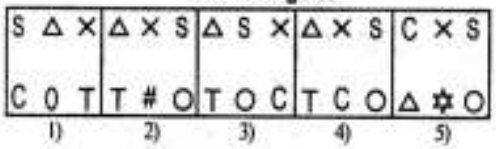

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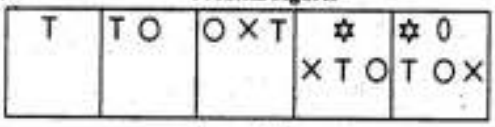
40. Problem Figures



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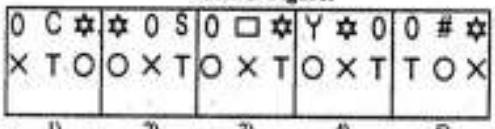
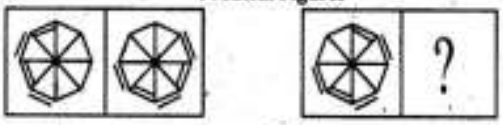


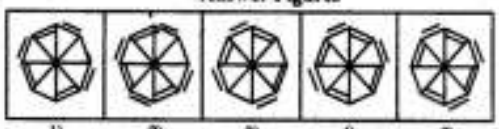
1) 2) 3) 4) 5)

**Directions (Q. 41-45): The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would fit the question mark.**

41. Problem Figures

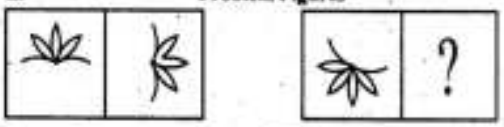


Answer Figures

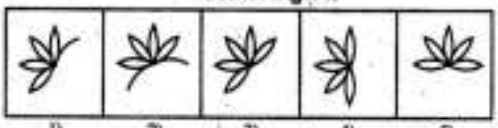


1) 2) 3) 4) 5)

42. Problem Figures



Answer Figures



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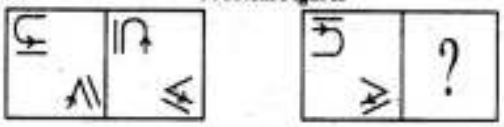
43. Problem Figures



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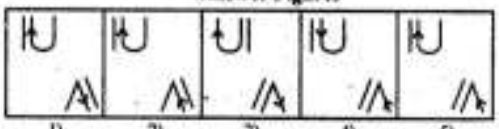

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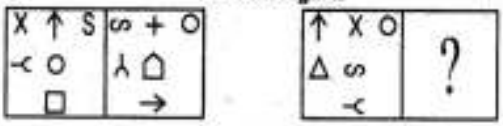
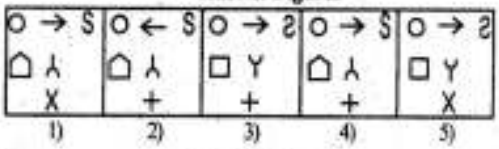
44. Problem Figures

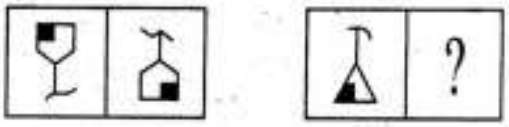


Answer Figures

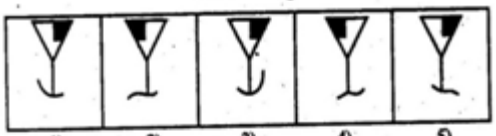


1) 2) 3) 4) 5)

45. Problem Figures



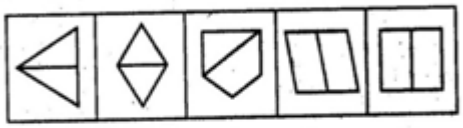
**Answer Figures**



1) 2) 3) 4) 5)

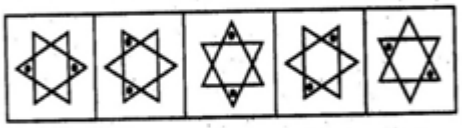
**Directions (Q. 46-50): Out of the given five figures, four are similar in a certain way. One figure is not like the other four. That means four figures form a group. The question is which one of the figures does not belong to this group?**

46.



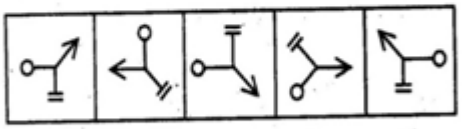
1) 2) 3) 4) 5)

47.



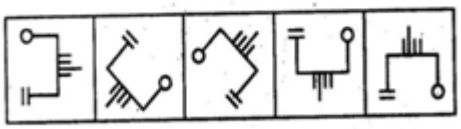
1) 2) 3) 4) 5)

48.



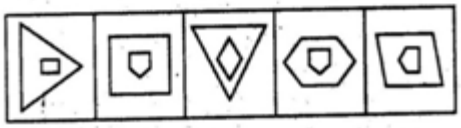
1) 2) 3) 4) 5)

49.



1) 2) 3) 4) 5)

50.



1) 2) 3) 4) 5)

# ANSWER

| | | | |
|---|---|---|---|
| 1 | (3) | 26 | (2) |
| 2 | (1) | 27 | (3) |
| 3 | (3) | 28 | (5) |
| 4 | (1) | 29 | (5) |
| 5 | (5) | 30 | (2) |
| 6 | (2) | 31 | (3) |
| 7 | (4) | 32 | (2) |
| 8 | (2) | 33 | (5) |
| 9 | (5) | 34 | (2) |
| 10 | (5) | 35 | (4) |
| 11 | (4) | 36 | (5) |
| 12 | (5) | 37 | (1) |
| 13 | (5) | 38 | (3) |
| 14 | (5) | 39 | (2) |
| 15 | (4) | 40 | (3) |
| 16 | (1) | 41 | (1) |
| 17 | (5) | 42 | (2) |
| 18 | (1) | 43 | (5) |
| 19 | (2) | 44 | (4) |
| 20 | (3) | 45 | (1) |
| 21 | (5) | 46 | (3) |
| 22 | (1) | 47 | (2) |
| 23 | (4) | 48 | (1) |
| 24 | (4) | 49 | (5) |
| 25 | (1) | 50 | (4) |