

SOLVED PAPER

SSC (10+2) LEVEL

DATA ENTRY OPERATOR & LDC EXAM

First Sitting

Held on : 11.12.2011

PART I GENERAL INTELLIGENCE

Directions (1-9): In each of the following questions, select the related word/ letters /number from the given alternatives.

1. Defy : Obey :: Rest : ?
(a) Lazy (b) Idle
(c) Labour (d) Work
2. Water : Swim :: Land
(a) Walk (b) Stand
(c) Sit (d) Move
3. Patient : Doctor ::
(a) Student : Advisor (b) Scissor : Iron
(c) Apple : Knife (d) Nurse : Surgeon
4. AN : BO :: CP : ?
(a) DQ (b) FS
(c) DS (d) FQ
5. DDW : ECV :: FBU : ?
(a) GAW (b) GAV
(c) VAG (d) GAT
6. BCDZ : CDEV :: DEFT : ?
(a) FFGQ (b) EGFR
(c) EFGP (d) EFGS
7. 196 : 169 :: 81 : ?
(a) 64 (b) 72
(c) 100 (d) 144
8. 30 : ? :: 130 : 222
(a) 30 (b) 40
(c) 66 (d) 68
9. 4, 16, 4 : 2, 4, 2 :: ? : 3, 9, 3
(a) 6, 9, 6 (b) 9, 81, 9
(c) 9, 27, 9 (d) 9, 18, 9

Directions (10-18): In each of the following questions, select the one which is different from the other three responses :

10. (1) Pen (b) Crayon
(c) Eraser (d) Pencil
11. (a) Moon (b) Mars
(c) Venus (d) Jupiter
12. (a) Democracy (b) Parliament
(c) Uncivil (d) Election
13. (a) B (b) C
(c) D (d) E
14. (a) EBD (b) IFH
(c) QNO (d) YVX
15. (a) QRST (b) BECD
(c) FIGH (d) LOMN
16. (a) 10 (b) 26
(c) 24 (d) 21
17. (a) 22-30 (b) 44-36
(c) 52-62 (d) 77-85
18. (a) 78-87 (b) 49-94
(c) 96-68 (d) 56-65
19. Arrange the following words according to English Dictionary.
(a) Banal (b) Banana
(c) Banish (d) Bandage
(e) Bandit
(a) (a), (c), (b), (d), (e)
(b) (a), (b), (d), (c), (e)
(c) (a), (b), (d), (e), (c)
(d) (a), (c), (b), (e), (d)

Directions (20-21): In each of the following questions, which one of the given responses would be a meaningful order of the following words in ascending order ?

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20. (a) Atomic Age (b) Metallic Age
(c) Stone Age (d) Alloy Age
(a) (a), (c), (d), (b) (b) (c), (b), (d), (a)
(c) (b), (c), (a), (d) (d) (d), (c), (b), (a)
21. (a) Cure (b) Doctor
(c) Disease (d) Diagnosis
(5) Medicine
(a) (b), (d), (c), (5), (a)
(b) (c), (b), (d), (5), (a)
(c) (d), (b), (c), (5), (a)
(d) (d), (c), (b), (a), (5)
22. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
a _ cdd _ bed _ abe _ dab _
(a) baddc (b) abddc
(c) badcd (d) bdadc
- Directions (23-26): In each of the following questions, a series is given, with one/two term missing. Choose the correct alternative from the given ones that will complete the series.**
23. Y, S, U, O, Q, ? ?
(a) NO (b) LM
(c) JK (d) HI
24. EAC, GCE, IEG, ?
(a) JHI (b) KGI
(c) JGI (d) KJI
25. 1, 9, 25, ?, 81
(a) 36 (b) 49
(c) 64 (d) 28
26. 3, 6, 12, 21, ?, 48
(a) 31 (b) 33
(c) 34 (d) 38
27. Find the wrong number in the given series.
3, 6, 11, 16, 27, 38.
(a) 6 (b) 38
(c) 16 (d) 27
28. Showing a man a woman said, "his brother's father is the only son of my grandfather". How is the woman related to the man?
- (a) Aunt (b) Sister
(c) Daughter (d) Mother
29. F has less money than H but more than G. E has more than F but less than H. Who is the poorest?
(a) F (b) E
(c) H (d) G
30. From the given alternatives select the word which cannot be formed using the letters of the given word.
(a) SEPTUM (b) RECTUM
(c) CUSTOM (d) SPECT
31. A group of alphabets are given with each being assigned a number. These have to be un-scrambled into a meaningful word and correct order of letters may be indicated from the given responses.
U B A N R
1 2 3 4 5
(a) 1 4 2 3 5 (b) 1 5 2 3 4
(c) 4 1 5 3 2 (d) 5 3 4 2 1
32. APPRECIATION is coded as 177832419465. How will you code PERCEPTION?
(a) 7382379465 (b) 7392378465
(c) 7292378465 (d) 7383297465
33. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.
 $16 * 2 * 24 * 3 * 6$
(a) $+=-÷$ (b) $×-+=$
(c) $÷÷=÷$ (d) $--÷=$
34. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.
 $6 - 9 - 2 = 926, 3 - 2 - 1 = 213, 0 - 4 - 8 = ?$
(a) 840 (b) 48
(c) 84 (d) 480
35. Which interchange of signs will make the following equation correct?
 $30 - 6 + 4 + 2 \times 3 = 7$

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- (a) + and \times (b) - and +
 (c) - and \div (d) \div and -

Directions (36-37): In each of the following questions, select the missing number from the given re-sponses.

36. $\begin{array}{ccc} 16 & 4 & 4 \\ 81 & 3 & 27 \\ ? & 25 & 5 \end{array}$

- (a) 97 (b) 12
 (c) 125 (d) 30

37.

6	4	5
3	6	5
2	3	4
36	72	?

- (a) 100 (b) 175
 (c) 125 (d) 120

38. A taxi driver commenced his journey from a point and drove 10km towards North and turned to his left and drove another 5 km. After waiting to meet one of his friends, he turned to his right and continued to drive another 10 km. He has covered a distance of 25 km so far but in which direction he now may be?

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

39. Sita cycled 8 km southward from her home turned right and cycled 5 km, turned right and cycled 8 km, turned left and cycled 10 km. How many kms will she have cycle to reach straight home?

- (a) 8 km (b) 10 km
 (c) 15 km (d) 13 km

40. If in a code MASTER is written as SAMRET then how CAR-ROT be written in the same code?

- (a) RACTOR (b) RCATRO
 (c) RCATOR (d) ARMTOR

41. Six friends A, B, C, D, E and F are sitting in a row facing East. C is between A and E. B is

just to the right of E but left of D. F is not at the right end. Who is at the right end?

- (a) D (b) B
 (c) E (d) C

42. A solid cube of 4 inches has been painted red, green and black on pair of opposite fac-es. It has been cut into one inch cubes. How many cubes have only Red and Green faces?

- (a) 4 (b) 8
 (c) 16 (d) 24

43. One statement is given followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, fol-low from the given statements. Indicate your answer.

Statement

Many people feel nervous when giving a talk before a group.

Conclusions

I. Many people can talk confidently before a group.

II. Very few people can talk confidently before a group.

- (a) Only I follows
 (b) Only II follows
 (c) Neither I nor II follows
 (d) Both I and II follow

44. Two statements are given followed by four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your an swer.

Statements

(i) Blue is Black and some Black is red.

(ii) All red is Green but not Yellow

Conclusions

I. Some Blue is Green.

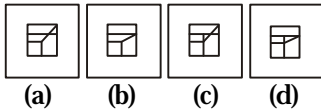
- II. No Black is Yellow.
 III. Some Black is not Yellow.
 IV. No Black is Green.
 (a) Only I and II follow
 (b) Only II and IV follow
 (c) Only I and III follow
 (d) Only I, II and IV follow

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

Question Figure



Answer Figures

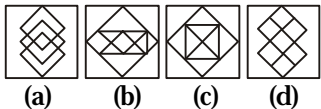


46. Select the answer figure in which the question figure is hidden/embedded.

Question Figure

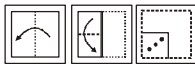


Answer Figures

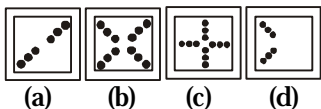


47. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

Question Figures



Answer Figures

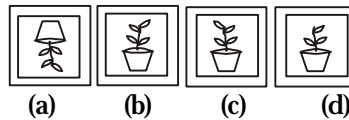


48. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held on the line AB?

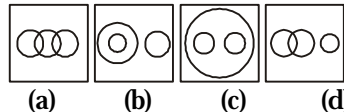
Question Figure



Answer Figures



49. Which one of the following diagrams best depicts the relationship among Honey-bee, Insect and Housefly?



50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 3 and that of Matrix II are numbered from 4 to 7. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 00, 12, 21, etc. and 'T' can be represented by 02, 10, 23, etc. Identify the set for the word LAMB.

MATRIX - I

	0	1	2	3
0	A	M	T	I
1	T	I	A	M
2	1	A	M	T
3	M	T	I	A

MATRIX - II

	4	5	6	7
4	E	B	L	U
5	L	U	E	B
6	U	E	B	L
7	B	L	U	E

- (a) 75, 21, 13, 45 (b) 46, 12, 23, 57
 c 67, 33, 31, 66 d 46, 32, 01, 74

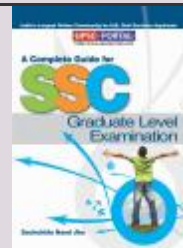
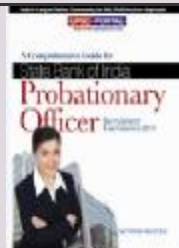
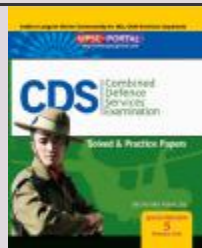
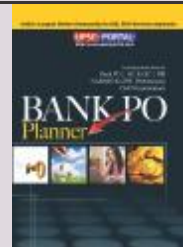
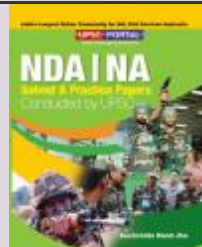
ANSWERS

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

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