

Solved Paper
SSC Higher Secondary Level Data Entry
Operator & LDC Exam
Held on—28-11-2010 2nd Sitting

PART-I

GENERAL INTELLIGENCE

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

1. Tadpole : Frog :: Cub : ?
(a) Hedgehog (b) Lion
(c) Cat (d) Dog
2. CHAIR : RIAHC :: TABLE : ?
(a) BATLE (b) EBATL
(c) ELBAT (d) ELTAB
3. LKJ : MNO :: DCB : ?
(a) FEG (b) EGF
(c) FGH (d) EFG
4. ABCD : WXYZ :: EFGH : ?
(a) STUV (b) STOU
(c) STUE (d) TSUV
5. 7 : 48 :: 12 : ?
(a) 143 (b) 84
(c) 121 (d) 112
6. 72 : 18 :: 56 : ?
(a) 24 (b) 22
(c) 20 (d) 16

7. 6 : 21 :: 3 : ?
(a) 28 (b) 18
(c) 61 (d) 32
8. Brick : Mason :: Colour : ?
(a) Child (b) Teacher
(c) Painter (d) Potter
9. Sleep : Rest :: Play : ?
(a) Enjoyment (b) Learning
(c) Injury (d) Champion

Directions (10-18): In each of the following questions, find the odd word/letters/number from the given alternatives.

10. (a) 064 (b) 208
(c) 316 (d) 118
11. (a) Mile (b) Centimeter
(c) Litre (d) Yard
12. (a) 36 (b) 61
(c) 84 (d) 108
13. (a) March (b) April
(c) August (d) December
14. (a) Bus (b) Scooter
(c) Cycle (d) Boat
15. (a) Iron (b) Plastic
(c) Brass (d) Copper

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16. (a) BDH (b) CFL
(c) EJU (d) DHP
17. (a) CBCD (b) IHJ
(c) ONOP (d) UTUW
18. (a) ADGPT (b) ACEIK
(c) ABDEI (d) ADIPY
19. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
bca__b__aabc__a__caa
(a) c b a b (b) b a c c
(c) a c a b (d) b c b b
- Directions (20-24):** A series is given with one (or more) term missing. Choose the correct alternative from the given ones that will complete the series.
20. BDF, ?, PRT, WYA
(a) GJK (b) HKL
(c) IKM (d) IJK
21. 14, 21, 30, 41, 54, ?
(a) 61 (b) 73
(c) 69 (d) 70
22. 17, 14, 15, 12, 13, ?, ?
(a) 10, 11 (b) 14, 11
(c) 11, 13 (d) 12, 15
23. 2, 5, 10, ?, 26
(a) 19 (b) 21
(c) 17 (d) 25
24. A C F J O ? B
(a) I (b) H
(c) U (d) D
- Directions:** From among the given alternatives, select the one in which the set of numbers is most like the set of numbers given in the question.
25. Given set: (10, 12, 15)
(a) (21, 23, 27)
(b) (30, 32, 36)
(c) (60, 62, 66)
(d) (68, 70, 73)
26. M and F are a married couple. A and B are sisters. A is the sister of F, Who is B to M?
(a) Sister (b) Sister-in-law
(c) Niece (d) Daughter
27. In a row of 16 boys, when Prakash was shifted by two places towards the left, he became 7th from the left end. What was his earlier position from the right end of the row?
(a) 7th (b) 8th
(c) 9th (d) 10th
28. If day before yesterday was Wednesday, when will Sunday be?
(a) 3 days after today
(b) Tomorrow
(c) Today
(d) Day after tomorrow
29. The sum of the ages of a father and a son presently is 70 years. After 10 years the son's age is exactly half that of the father's. What are their age now?
(a) 45 years, 25 years
(b) 50 years, 20 years
(c) 47 years, 23 years
(d) 50 years, 25 years
30. If B = 2, MAT = 34, then JOGLEX = ?
(a) 70 (b) 71
(c) 72 (d) 73
31. If HONESTY is written as ABCXZDQ, how can TONY be written in that code?
(a) DBCQ (b) QDCX
(c) CBXZ (d) CQDC

32. Sanmitra starts from his house and walks 3 km towards north. Then he turns right and walks 2 km and then turns right and walks 5 km, then turns right and walks 2 km and then again turns right and walks 2 km. Which direction is he facing now?
- (a) North (b) South
(c) West (d) East
33. Rama is standing at a point facing north. He walks 10 km straight, turns left and walks another 15 km straight and finally turns left and walks 10 km. How far is he from the starting points now?
- (a) 10km (b) 5km
(c) 12km (d) 15km
34. In a solid cube made up of 27 small cubes, two opposite sides are painted red, two opposite sides yellow and two other sides white. How many small cubes have the colours yellow and white alone in them?
- (a) 4 (b) 8
(c) 12 (d) 16
35. Five birds are sitting on a tree. The Pigeon is to the right of the Parrot. The Sparrow is above the Pigeon. The Crow is next to the Pigeon. The Crane is below the Crow. Which bird is at the centre?
- (a) Crow (b) Pigeon
(c) Parrot (d) Sparrow
36. Two years ago a mother was 4 times as old as her son. Six years from now her age will become more than double her son's age by 10 years. What is the present ratio of their ages?
- (a) 2 : 1 (b) 38 : 11
(c) 19 : 7 (d) 3 : 1
37. SOCIALISATION
(a) SCOUT (b) CLASS
(c) LIAISON (d) ASSOCIATION
38. ADMINISTRATOR
(a) ADMIT (b) NEST
(c) MANIA (d) ROAD

Directions: In the following question, from the given alternatives select the word which can be formed using the letters given in the word.

39. INFORMATION
(a) FARMER (b) MOTION
(c) FIREMAN (d) NAME

Directions (40-41): In each of the following questions, one/two statement are given followed by two conclusions I and II. You have to consider the two statements to be true even if they seem to be at variance from commonly/known facts. You have to decide which of the given conclusions. If any, follow from the given statements.

40. **Statements:** The best evidence of India's glorious past is the growing popularity of Ayurvedic medicines in the west.

Conclusions:

- I. Ayurvedic medicines are not popular in India.
II. Allopathic medicines are not popular in India.

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

41. **Statements:** Some dogs bark.

All dogs bite.

Conclusions:

- I. Those dogs who do not bark, also bite.

Directions (37-38): In each of the following question, from the given alternatives select the word which **cannot** be formed using the letters of the given word.

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- II. Those dogs who do not bark, nor necessarily bite.
- (a) Only I follows
 (b) Only II follows
 (c) Either I or II follows
 (d) Neither I nor II follows
42. Select the correct combination of mathematical signs to replace * signs so as to balance the equation.
 $8 * 8 * 1 * 11 * 11$
- (a) $+=\div-$ (b) $\times+=-$
 (c) $\div\times+=$ (d) $-+=\div$
43. If $1 \times 10 = 9, 2 \times 10 = 18, \times 10 = 27$, then what is $8 \times 10 = ?$
- (a) 36 (b) 72
 (c) 78 (d) 52
44. If '+' stands for division, '×' stands for addition, '-' stands for multiplication, '÷' stands for subtraction, then which of the following equation is correct?
- (a) $36 - 6 + 3 \times 5 \div 3 = 74$
 (b) $36 \times 6 + 7 \div 2 - 6 = 20$
 (c) $36 + 6 - 3 \times 5 \div 3 = 24$
 (d) $36 \div 6 + 3 \times 5 - 3 = 45$

Directions: Select the missing number from the given responses.

45. 5 8 7
 2 4 6
 6 2 3
 60 64 ?
- (a) 68 (b) 49
 (c) 39 (d) 126

Directions: In the following question, 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 the 2 matrices given below. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II from 5 to 9. A letter from these matrices can be represented first by its row and next by column number. For example, 'W' can be represented by 13, 20 etc. 'H' can be represented by 66, 78 etc. Identify the set for the word PENS.

46. **MATRIX – I**

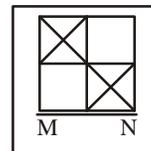
	0	1	2	3	4
0	P	W	N	I	S
1	I	S	P	W	N
2	W	N	I	S	P
3	S	P	W	N	I
4	N	I	S	P	W

MATRIX – II

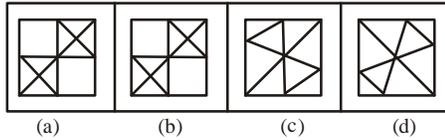
	5	6	7	8	9
5	A	E	R	O	H
6	O	H	A	E	R
7	E	R	O	H	A
8	H	A	E	R	O
9	R	O	H	A	E

- (a) 12, 67, 21, 30
 (b) 43, 56, 13, 23
 (c) 43, 56, 21, 42
 (d) 31, 57, 21, 42
47. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

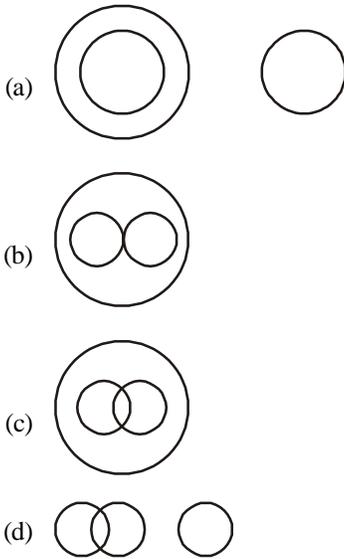
Question Figure



Answer Figures

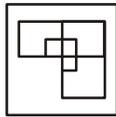


48. Which one of the following figures represents the relationships among Dog, Animal, Pets?

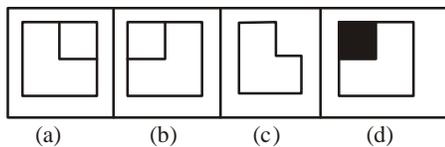


Directions: Which answer figure will complete the question figure?

49. Question Figure

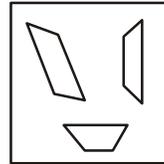


Answer Figures

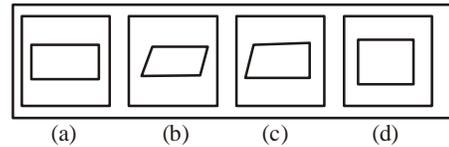


50. Among the four answer figures, which figure can be formed from the cut-pieces given below in the question figure?

Question Figure



Answer Figures



ANSWER SHEET

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



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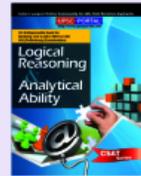
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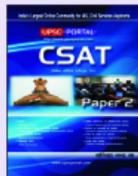
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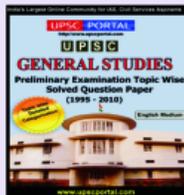
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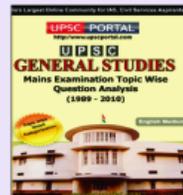


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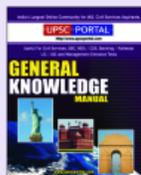


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