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your guide to success

SSC HIGHER SECONDARY DATA ENTRY OPERATOR & LDC EXAM GENERAL INTELLIGENCE SOLVED QUESTION PAPER- 2010

■ PART-I ■
GENERAL INTELLIGENCE

Directions (1 – 9) : In each of the following questions select the related letter / word/ number/ figure from the given alternatives.

1. 83 : 25 : : 29 : ?
   - (1) 25   (2) 16
   - (3) 49   (4) 36

2. VXZ : JLN : : GIK : ?
   - (1) QSO   (2) QRS
   - (3) OQS   (4) LMO

3. ABZY : CDXW : : EFVU : ?
   - (1) IJRQ   (2) KLPO
   - (3) MNST   (4) GHTS

4. Receptionist : Office : : Hostess : ?
   - (1) Crew   (2) Host
   - (3) Airport   (4) Aircraft

5. NUMBER : UNBMRE : : GHOST : ?
   - (1) HOGST   (2) HOGTS
   - (3) HGOTS   (4) HGSOT

6. 6 : 35 : : 7 : ?
   - (1) 48   (2) 42
   - (3) 34   (4) 13

7. Dog : Rabies : : Mosquito : ?
   - (1) Plague   (2) Death
   - (3) Malaria   (4) Sting

8. 4 : 24 : : 17 : ?
   - (1) 37   (2) 47
   - (3) 57   (4) 67

9. Clock : Time : : Thermometer : ?
   - (1) Heat   (2) Radiation
   - (3) Energy   (4) Temperature

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

10. (1) BGNI   (2) CHOJ
    - (3) DIPL   (4) EJQL

11. (1) 20 - 36   (2) 30 - 46
    - (3) 50 - 56   (4) 60 - 66

12. (1) September   (2) April
    - (3) November   (4) January

13. (1) MKO   (2) QSO
    - (3) VTX   (4) DBF

14. (1) (48, 6)   (2) (21, 7)
    - (3) (24, 3)   (4) (56, 7)

15. (1) Carbon   (2) Graphite
    - (3) Diamond   (4) Gold

16. (1) 49   (2) 140
    - (3) 112   (4) 97

17. (1) XRMKL   (2) XRMIF
    - (3) XRNLJ   (4) XSNLJ

18. (1) Iron   (2) Mercury
    - (3) Silver   (4) Gold

19. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

    a _ b _ b a _ b _ _ b a
    - (1) b b a a b   (2) b b a b b
    - (3) a a b a b   (4) a a b b a

Directions (20 – 24) : A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

20. 15, 17, 20, 22, 27, 29, ?, ?
    - (1) 31, 38   (2) 36, 38
    - (3) 36, 43   (4) 38, 45

21. 6, 2, 15, 27, 51, 99
    - (1) 10   (2) 0
    - (3) 11   (4) 12

22. 2, 5, 8, 11, 14, ?
    - (1) 17   (2) 16
    - (3) 15   (4) 18

23. BDF, KMO, TVX, ?
    - (1) CEG   (2) UVW
    - (3) XYZ   (4) ACE

24. ZXUQL ?
    - (1) F   (2) E
    - (3) G   (4) H

Directions : From the given alternative words, select the word which can be formed using the letters of the given word.

25. EXAMINATION
    - (1) EXAMINE   (2) NAME
    - (3) MINOR   (4) GAME

26. Mohini went to movies nine days ago. She goes to the movies only on Thursday. What day of the week is today ?
    - (1) Saturday   (2) Thursday
    - (3) Sunday   (4) Tuesday

27. The age of a father is twice that of his son's at present age. After 5 years the sum of their ages will be 85. How old are they now ?
    - (1) 40, 20   (2) 46, 23
    - (3) 60, 30   (4) 50, 25

28. Ramesh drives his car 4 km to east, then takes left turn and drives 6 km. He again turns to his left hand side and travels 4 km. How many km is Ramesh away from his starting place ?
    - (1) 6 km   (2) 10 km
    - (3) 4 km   (4) 14 km

29. Ravi's father has a son Rohit who has an aunt Laxmi who has a husband Rao whose father-in-law is Mohan. What is the relation of Mohan to Ravi ?
    - (1) Nephew   (2) Grandfather
    - (3) Son   (4) Uncle

30. If you are 9th person in a queue starting from one end and 11th from another end, what is the number of persons in the queue?
    - (1) 20   (2) 19
    - (3) 21   (4) 18

31. If BEAUTIFUL is written as CDBOGHJKMN, how LEAF can be written in that code ?
    - (1) NDOK   (2) KNND
    - (3) ODNK   (4) DKON

32. If A = 1, CAT = 24, then POLICE = ?
    - (1) 57   (2) 60
    - (3) 62   (4) 59

33. Five students are sitting in a row. T is on the right of 'Z'. 'M' is on the left of 'Z' but is on the right of 'L'. T is on the left of 'Q'. Who is sitting first from the left ?
    - (1) Z   (2) Q
    - (3) T   (4) L

34. From the given alternative words, select the word which cannot be formed using the letters of the given word :
    SUPERIORITY
    - (1) PURSE   (2) PURSUIT
    - (3) PRIORITY   (4) PURITY

35. Shyam was facing East. He walked 5 km forward and then after turning to his right walked 3 km. Again he turned to his right and walked 4 kms. After this he turned back. Which direction was he facing at that time ?
    (1) East
    (2) West
    (3) North
    (4) South

36. Select the alternative which is related to the given set.
    Given set is : (12, 18, 24)
    (1) (6, 12, 30)
    (2) (5, 15, 10)
    (3) (10, 16, 18)
    (4) (8, 12, 16)

37. In a solid cube which is made up of 27 small cubes, two opposite sides are painted red, two painted yellow and the other two with white. How many cubes have two colours ?
    (1) 8
    (2) 12
    (3) 16
    (4) 24

Directions (38 –40) : In each of the following questions one / two statements 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.

38. **Statements :**
    Some books are Magazines.
    Some Magazines are Novels.
    Conclusions :
    (I) Some books are Novels.
    (II) Some Novels are Magazines.
    (1) Only (I) follows
    (2) Only (II) follows
    (3) Either (I) or (II) follows
    (4) Neither (I) nor (II) follows

39. **Statements :**
    "Bats do not lay eggs and therefore, bats are not birds."
    Conclusions :
    (I) All birds lay eggs.
    (II) Only birds lay eggs.
    (1) Only (I) follows
    (2) Only (II) follows
    (3) Both (I) and (II) follow
    (4) Neither (I) nor (II) follows

40. **Statements :**
    (1) All students like excursions.
    (2) Some students like Laboratory experiments.

Conclusions :
(I) Students who like Laboratory experiments also like excursions.
(II) Some students do not like Laboratory experiments but likes excursion.
(1) Only (I) follows
(2) Only (II) follows
(3) Conclusions (I) and (II) follow
(4) Neither (I) nor (II) follows

41. If '+' stands for '÷', '×' stands '+', '–' stands for '×', and '÷' stands for "–", then which of the following statements is correct ?
    (1) $36 \times 6 + 7 \div 2 - 6 = 20$
    (2) $36 \div 6 + 3 \times 5 - 3 = 45$
    (3) $36 + 6 - 3 \times 5 \div 3 = 24$
    (4) $36 - 6 + 3 \times 5 \div 3 = 74$

42. If $4 - 4 = 17$, $6 - 6 = 37$ and $2 - 2 = 5$ then what is $5 - 5 = ?$
    (1) 27
    (2) 26
    (3) 19
    (4) 20

43. In the following equation, select correc combination of mathematical sings to replace * signs and to balance the equation
    $16 * 4 * 5 * 9 * 1$
    (1) + ÷ = ×
    (2) ÷ + = ×
    (3) × = + –
    (4) + × = ÷

Directions (44 – 45) : Select the missing number from the given responses.

44.
6	7	5
7	8	6
8	9	?
62	79	47

(1) 4
(2) 7
(3) 8
(4) 9

45.
9	4	5
12	16	15
15	20	25
180	80	?

(1) 125
(2) 75
(3) 20
(4) 25

Directions : 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 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented *first by its row* and next by its column, e.g., T can be represented by 00, 13, 30 etc., and R can be represented by 56, 79, 87 etc. Identify the set for the word **DEAL.**

46. **MATRIX - I**

	0	1	2	3	4
0	T	C	K	K	G
1	F	B	R	T	O
2	M	D	I	O	Q
3	T	A	U	A	N
4	Y	K	P	R	Y

MATRIX - II

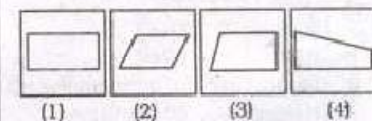|	5	6	7	8	9
5	C	R	I	G	E
6	P	M	S	L	T
7	E	Y	N	B	R
8	A	U	R	O	A
9	O	T	A	Q	K

(1) 11, 23, 76, 68
(2) 21, 75, 97, 68
(3) 21, 32, 86, 89
(4) 43, 75, 89, 69

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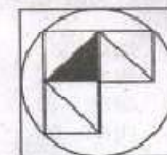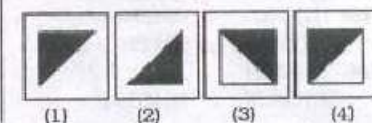
Question Figure

Answer Figures

(1)   (2)   (3)   (4)

Directions : Which answer figure will complete the question figure ?

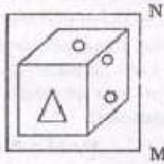48. **Question Figure**

Answer Figures
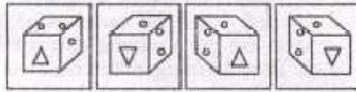

(1)   (2)   (3)   (4)

SOLVED PAPER-A

49. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given question figure?

Question Figure

Answer Figures

(1)　　(2)　　(3)　　(4)

50. Find out which of the diagrams as given in the alternatives correctly represents the relationship stated in the question.

Mountains, Forests, Earth

(1)　　(2)　　(3)　　(4)

Answer: General Intelligence

1	3		26	1
2	3		27	4
3	4		28	1
4	2		29	2
5	1		30	2
6	3		31	1
7	3		32	2
8	1		33	4
9	4		34	2
10	3		35	2
11	1		36	4
12	4		37	2
13	2		38	2
14	4		39	1
15	4		40	3
16	1		41	4

17	2		42	2
18	2		43	2
19	2		44	2
20	2		45	2
21	2		46	2
22	1		47	1
23	1		48	4
24	1		49	3
25	2		50	1