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SSC HIGHER SECONDARY DATA ENTRY
OPERATOR & LDC EXAM General
Intelligence Solved Question Paper - 2010

Directions (1-5) : In each of the following questions a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

1. ZXV, TRP, NLJ ?
 (1) IGF (2) HDF
 (3) HGE (4) HFD
2. BDF, HJL, NPR ?
 (1) OQS (2) TUV
 (3) TVX (4) UVW
3. 113, 225, 449, ?, 1793
 (1) 897 (2) 789
 (3) 987 (4) 978
4. 230, 246, 271, 307, ?
 (1) 412 (2) 356
 (3) 518 (4) 612
5. 97, 86, 99, 88, 101, ?, ?
 (1) 88, 99 (2) 90, 103
 (3) 121, 108 (4) 114, 103
6. Select the alternative which is related to the given set.
 Given set is : (12, 20, 28)
 (1) (3, 15, 18) (2) (18, 27, 72)
 (3) (18, 30, 42) (4) (7, 14, 28)
7. 'X' and her grandfather differ in their ages by 50 years. After 6 years, if the sum of their ages is 152, their present ages are
 (1) 24, 74 (2) 26, 76
 (3) 45, 95 (4) 25, 75
8. A and B are brothers. E is the daughter of F. F is the wife of B. What is the relation of E to A ?
 (1) sister (2) daughter
 (3) niece (4) sister-in-law
9. Arun ranks 17th in a class of 31 students. What is his rank from the last ?
 (1) 14 (2) 15
 (3) 16 (4) 17
10. If the day before yesterday was Thursday, when will Sunday be?
 (1) Today
 (2) Two days after today
 (3) Tomorrow
 (4) Day after Tomorrow

11. Raju is standing facing north. He goes 30 metres ahead and turns left and goes for 15 metres. Now he turns right and goes for 50 metres and finally turns to his right and walks. In which direction is he heading ?
 (1) North (2) East
 (3) South (4) West
12. Vijay starts from his office and walks 4 km towards north. Then he turns right and walks 2 km, then turns right and walks 6 km, then again turns right and walks 2 km and then turns right and walks 2 km. How far is he now from the starting point ?
 (1) 0 km (2) 6 km
 (3) 12 km (4) 16 km
13. Wooden little cubes each with an edge of one inch are put together to form a solid cube with an edge of three inches. This big cube is then painted red all over the outside. When the big cube is broken-up into the original little ones, how many cubes will be without paint ?
 (1) 0 (2) 1
 (3) 3 (4) 4
14. At a college party five girls are sitting in a row. P is to the left of M and to the right of O. R is sitting to the right of N, but to the left of O. Who is sitting in the middle ?
 (1) O (2) R
 (3) P (4) M
15. If A = 1; AND = 19 then BAT = ?
 (1) 22 (2) 23
 (3) 21 (4) 20
16. In a particular way the word STAG is coded as HQZT, HORN as SLIM. Using the same coding, how can NORTH be written?
 (1) NLGMI (2) MLGGS
 (3) MGLIS (4) NLGIS

Directions : From the given alternatives select the word which **cannot** be formed using the letters of the given word.

17. TRANSPORT
 (1) SPORT (2) STRAP
 (3) TRUST (4) START

Directions : From the given alternatives select the word which **can** be formed using the letters given in the word.

18. INTERNATIONAL
 (1) ANNUAL
 (2) LAMINATION
 (3) TERMINATE (4) INTERNAL

Directions (19-20) : 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.

19. **Statements :**
 Dogs have four legs.
 Tables have four legs.
Conclusions
 I. Tables are dogs.
 II. Dogs are tables.
 (1) Only I follows
 (2) Only II follows
 (3) Either I or II follows
 (4) Neither I nor II follows

20. **Statements :**
 All animals are birds.
 Some animals are human beings.
Conclusions :
 I. Some human beings are birds.
 II. Some birds are human beings.
 (1) I follows
 (2) II follows
 (3) Both I or II follow
 (4) Neither I nor II follows

21. Identify the correct response from the given premises stated according to following symbols. If '-' stands for division
 '+' stands for multiplication.
 '-' stands for subtraction
 'x' stands for addition

Which one of the equations is correct ?

- (1) $18 + 14 - 24 \times 12 + 16 = 12$
 (2) $16 \times 14 - 24 + 18 + 12 = -24$
 (3) $24 - 12 + 12 + 16 \times 18 = 26$
 (4) $18 + 16 + 12 \times 18 \div 12 = 24$

22. Select the correct combination of mathematical signs to replace * signs and to balance the following equation.

$$7 * 5 * 5 * 4 * 10$$

- (1) + + - =
 (2) x - = x
 (3) x + = x
 (4) + x + =

23. If $34 * 12 = 23$, $28 * 76 = 52$, $97 * 39 = 68$ then what should $37 * 73$ be ?

- (1) 32 (2) 25
 (3) 86 (4) 55

Directions (24-32) : In each of the following questions select the related letters/word/number/figure from the given alternatives.

24. DOCTOR : PATIENT :: LAWYER :

- (1) CUSTOMER
 (2) CLIENT
 (3) CONSUMER (4) BUYER

25. Encouragement : Victory :: Frustration :

- (1) Stalemate (2) Anger
 (3) Failure (4) Anxiety

26. Dog : Canine :: Horse :

- (1) Grass (2) Race
 (3) Hoof (4) Transport

27. UNDATED : ATEDUND :: CORRECT :

- (1) PRECTOC
 (2) RECTROC
 (3) ECTRORC
 (4) RECTCOR

28. AEHN : BGKR :: DFGN :

- (1) EHJR (2) ELJR
 (3) EHKQ (4) DHKQ

29. NJMP : PLOR :: RTVX :

- (1) VTXZ (2) TVXZ
 (3) TVZX (4) SVZX

30. 365 : 90 :: 623 :

- (1) 36 (2) 45
 (3) 123 (4) 63

31. 248 : 3 :: 328 :

- (1) 7 (2) 5
 (3) 4 (4) 6

32. 212 : 436 :: 560 :

- (1) 786 (2) 682
 (3) 784 (4) 688

Directions (33-41) : In each of the following questions, find the odd word/letters/number pair from the given alternatives.

33. (1) January (2) June
 (3) July (4) August

34. (1) Square (2) Sphere
 (3) Rectangle (4) Circle

35. (1) Copper (2) Bronze
 (3) Gold (4) Silver

36. (1) ccdffg (2) hhikll
 (3) mnnopp (4) qqrtuu

37. (1) MLNO (2) KJPQ
 (3) IHRS (4) GFTV

38. (1) 15 (2) 27
 (3) 37 (4) 39

39. (1) (13,40) (2) (14,42)
 (3) (15,46) (4) (16,49)

40. (1) BEHLN (2) EJLSZ
 (3) DKQVZ (4) ACIKT

41. (1) 119 (2) 154
 (3) 85 (4) 51

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

42. a _ b _ abb _ ab _ a _ bba
 (1) bbaab (2) babba
 (3) baaba (4) aabba

Directions : Select the missing number from the given alternatives.

43. 5 4 3
 6 5 4
 7 6 5
 23 14 ?

- (1) 23 (2) 17
 (3) 7 (4) 12

44. A solid cube is made using 64 small cubes. In how many small cubes two sides are seen ?

- (1) 24 (2) 32
 (3) 40 (4) 42

45. If we substitute 1 to 24 indicating hours on the dial of a clock day and night by the letters of the English alphabet in their order starting with 'c' which letter will represent 16 hours ?

- (1) W (2) P
 (3) S (4) R

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 two 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 eg. 'B' can be represented by 11, 30, etc. 'U' can be represented by 89 etc. Identify the set for the word FISH.

46.

MATRIX - I

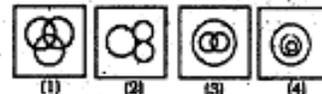
	0	1	2	3	4
0	M	L	F	H	B
1	H	B	M	L	F
2	L	F	H	B	M
3	B	M	L	F	H
4	F	H	B	M	L

MATRIX-II

	5	6	7	8	9
5	L	K	S	U	N
6	U	N	I	K	S
7	K	S	U	N	I
8	N	I	K	S	U
9	S	U	N	I	K

- (1) 22, 81, 14, 69
 (2) 33, 86, 88, 41
 (3) 33, 88, 67, 22
 (4) 02, 67, 34, 88

47. Which figure represents the relation among Lawyers, Teachers and Educated ?



48. 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

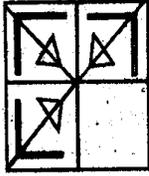


Answer Figures

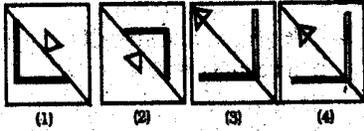


49. Which answer figure will complete the question figure ?

Question Figure

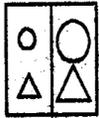


Answer figures

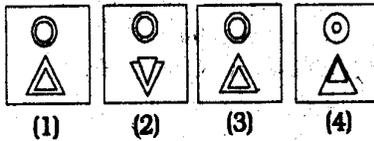


50. A square transparent sheet with a pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the middle line shown.

Question figure



Answer figures



Answer: General Intelligence

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