(SSC) Combined Higher Secondary Level (10+2) Examination

Held ON: 11-12-2011

2nd Sitting

Time Allowed: 2 Hours   Maximum Marks: 200

Part – I
General Intelligence

Directions for question number 1 to 9: Select the related word/letters/number from the given alternatives.

1. Fodder : Cattle : : ?
   (a) Pen : Ink
   (b) Ball : Stick
   (c) Fruit : Juice
   (d) Grass : Horses

2. 1, 2, 4, 7, : 3, 4, 6, 9 : : ? : 2, 3, 5, 8
   (a) 0, 1, 3, 6   (b) 2, 4, 5, 8
   (c) 1, 3, 4, 7   (d) 3, 5, 6, 8

3. 6 : 17 : : 9 : ?
   (a) 25   (b) 26
   (c) 27   (d) 28

4. ACFJ : ZXUQ : : DFIM : ?
   (a) WURN   (b) WURP
   (c) WUQO   (d) WTQP

5. Stammering : Speech : : Deafness :?
   (a) Ear   (b) Hearing
   (c) Noise   (d) Commotion

6. RIGHT : WRONG : : PLEASURE : ?
   (a) HAPPY
   (b) JOY
   (c) WONDERFUL
   (d) DISPLEASURE

7. 9 : 81 : : 12 : ?
   (a) 124   (b) 104
   (c) 134   (d) 144

8. EFI : IJL : : KLO : ?
   (a) OPR   (b) PQS
   (c) OPS   (d) OPW

9. ZA : YB : : XC : ?
   (a) YZ   (b) BC
   (c) OP   (d) WD

Direction for question number 10 to 18: Select the one which is different from the other three responses:

10. (a) CDFE   (b) JKLM
    (c) STVU   (d) WXZY

11. (a) Cholera (b) AIDS
    (c) Cancer   (d) Health

12. (a) 82 – 73 (b) 66 – 58
    (c) 26 – 17 (d) 55 – 46

13. (a) Cotton (b) Nylon
    (c) Silk (d) Linen

14. (a) BEG (b) KNP
    (c) WZB (d) JLN

15. (a) 13 (b) 26
    (c) 14 (d) 88

16. (a) 286, 628 (b) 397, 739
    (c) 475, 574 (d) 369, 936

17. (a) Leaf (b) Stem
    (c) Branches (d) Garden

18. (a) I (b) J
    (c) K (d) L

19. Arrange the following words according to English Dictionary.
    (1) Particle
    (2) Pardon
    (3) Parchment
    (4) Parliament
    (5) Party
    (a) (2), (4), (1), (3), (5)
    (b) (3), (2), (4), (1), (5)
    (c) (3), (4), (2), (5), (1)
    (d) (2), (3), (4), (1), (5)

Directions for question number 20 and 21: Which one of the given responses would be a meaningful order of the following words in ascending order?

20. (1) Weekly
    (2) Daily
    (3) Monthly

(4) Fortnightly
(5) Yearly
(a) (1), (4), (3), (2), (5)
(b) (2), (1), (4), (3), (5)
(c) (4), (1), (2), (3), (5)
(d) (5), (2), (1), (3), (4)

21. (1) Furniture (2) Forest
    (3) Wood (4) Tree
    (a) (4), (1), (2), (3)
    (b) (3), (2), (1), (4)
    (c) (2), (4), (3), (1)
    (d) (1), (3), (2), (4)

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

    a____b a __ b b __ a b ___ a
    (a) b a a b (b) a a b a
    (c) a b a b (d) b a a a

Directions for the question number 23-26: Choose the correct alternative from the given ones that will complete the series.

23. 6, 11, 21, 26, 36, ?, 51
    (a) 41 (b) 39
    (c) 47 (d) 48

24. A, Z, B, Y, C, X, ?, ?.
    (a) EV (b) WD
    (c) DW (d) YV

25. 225, 289, ?, 441
    (a) 361 (b) 375
    (c) 383 (d) 386

26. AZY, EXW, IVU, ?
    (a) MTS   (b) MQR
    (c) NRQ   (d) LST

27. If GRINDER is coded as 7654326, how is RENDER coded in that code?
    (a) 642356   (b) 624536
    (c) 624326   (d) 623426

28. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.

    $8 \times 7 \times 5 = 578$;

    $11 \times 10 \times 9 = 91011$;

    $3 \times 1 \times 2 = 213$;

    $7 \times 4 \times 2 = ?$
    (a) 56   (b) 247
    (c) 128   (d) 282

29. Mathew told his friend Sohan, pointing to a photograph, "Her father is the only son of my mother." The photograph is of whom?
    (a) Mathew's niece
    (b) Mathew's mother
    (c) Mathew's daughter
    (d) Mathew's sister

30. Which interchange of signs will make the following equation correct?

    $(16 - 4) \times 6 \div 2 + 8 = 30$
    (a) ÷ and −   (b) 4 and 2
    (c) − and +   (d) 16 and 6

31. A group of alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may be indicated from the given responses.

R	T	E	F	A
1	2	3	4	5

    (a) 2, 5, 1, 3, 4   (b) 4, 3, 5, 1, 2
    (c) 5, 4, 1, 3, 2   (d) 5, 4, 2, 3, 1

32. Find the wrong number in the given series: 9, 14, 19, 25, 32, 40
    (a) 14   (b) 25
    (c) 32   (d) 9

33. From the given alternative select the word which *cannot* be formed using the letters of the given word?

    PSYCHOLOGY
    (a) SCHOOL   (b) GOOD
    (c) POOL   (d) HOLY

34. In a group of five districts Akbarpur is smaller than Fatehpur, Dhanbad is bigger than Palamu and Bara Banki is bigger than Fatehpur but not as big as Palamu. Which district is the biggest?
    (a) Akbarpur   (b) Fatehpur
    (c) Dhanbad   (d) Palamu

35. Select the correct combination of mathematical sings to replace * signs and to balance the given equation.

    18 * 6 * 3 * 12 * 24
    (a) ÷ - = ×   (b) × ÷ - =
    (c) + ÷ × =
    (d) × = ÷ +

36. If TALENT is written as LATENT, how EXOTIC can be written in that code?

    (a) OXOTIC   (b) TEXTIC

    (c) OXETIC   (d) EXOTIC

Directions for question number 37 and 38: Select the missing number from the given responses.

37.

4	10	6
12	96	48
16	152	?

(a) 110   (b) 104

(c) 112   (d) 124

38.

9	5	6
7	6	7
4	8	?
252	240	210

(a) 4   (b) 5

(c) 6   (d) 3

39. Anita drives from point A towards north and travels 30 kms. She them turns to her right and travels 4 kms, and then again turns to the right and drives straight for 30 kms. How much distance she has to cover to go straight to the starting point?

    (a) 26 kms   (b) 8 kms

    (c) 22 kms   (d) 4 kms

40. 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 answer.

Statements:

Some teachers are students. All students are girls.

Conclusions

(i) All teachers are girls.

(ii) Some girls are teachers.

(iii) Some girls are students.

(iv) All students are teachers.

(a) Only (i) follows

(b) Only (i), (ii) and (iii) follow

(c) Only (ii) and (iii) follow

(d) All follow.

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. How many persons are to the right of 'E'?

    (a) 1   (b) 2

    (c) 3   (d) 4

42. Two statements are 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, follow from the given statements. Indicate your answer.

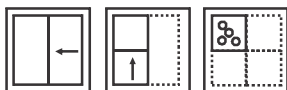**Statements:**

All fruits are sweet.
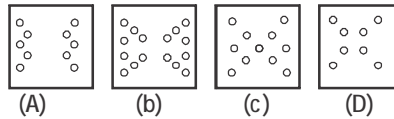
All sweet things are not good for health.

Conclusions:

(i) All fruits are not good for health.

(ii) Some fruits are not good for health

(a) Only (i) follows

(b) Only (ii) follows

(c) Neither (i) nor (ii) follow

(d) Both (i) and (ii) follows

43. Ravi in his evening walk travelled towards the sun 3 km, then the turned to his left walked 2 km. He again turned to his right and walked 3 km. Finally, he turned to his right walked another 2 km. In which direction is Ravi walking now?

(a) East (b) West

(c) North (d) South

44. A solid cube of 4 inches has been painted red, green and black on pair of opposite faces. It has been cut into one inch cubes. How many cubes have only one face painted?

(a) 4 (b) 8

(c) 16 (d) 24

45. 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?
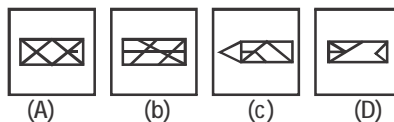
Question figures

Answer figures

(A) (b) (c) (D)

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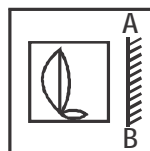
Question figure
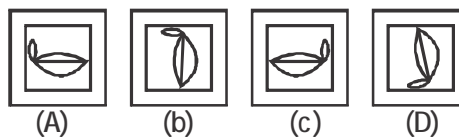

Answer figures

(A) (b) (c) (D)

47. Which of the answer figure is exactly the mirror image on the given figure, when the mirror is held on the line A B?

Question figure

Answer figures

(A) (b) (c) (D)

48. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of

number given in the alternatives are represented by two classes of alphabets as in two matrices, given below. The columns and rows are Matrix (I) are numbered from 0 and 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, 76 and 'S' can be represented by 11, 66. Identify the set for the word PUSH.
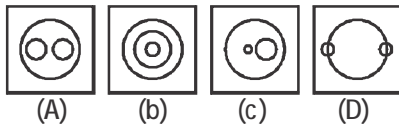
Question figure

Answer figures

(A)   (b)   (c)   (D)

Matrix (I)			
	0	1	2	3
0	A	D	G	H
1	P	S	V	Z
2	C	F	I	M
3	T	L	E	Q

Matrix (II)			
	4	5	6	7
4	R	U	B	O
5	N	W	J	X
6	T	K	S	G
7	I	H	A	F

(a) 10, 66, 45, 03
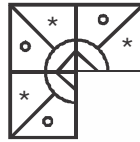
(b) 30, 11, 54, 10

(c) 10, 45, 66, 75

(d) 01, 54, 66, 57

49. Which one of the following diagrams best depicts the relationship among Nation, States and Districts?

Nation, States, Districts.

(A)   (b)   (c)   (D)

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