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Simplifying Test Prep

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SSC CHSE 2012 PRACTICE SET :
GENERAL INTELLIGENCE

SSC Combined Higher Secondary Exam 2012
General Intelligence

Directions: In questions no. 1 to 9, select the related word/letters/number from the given alternatives.

1. Volume : Litre :: Power : ?
 - (a) Watt
 - (b) Joule
 - (c) Coulomb
 - (d) Pascal
2. Lion : Den :: Rabbit : ?
 - (a) Trench
 - (b) Hole
 - (c) Pit
 - (d) Burrow
3. Chisel : Carve :: Sword : ?
 - (a) Dig
 - (b) Slaughter
 - (c) Shoot
 - (d) Scoop
4. AE : BD :: EI : ?
 - (a) FG
 - (b) FH
 - (c) BC
 - (d) BD
5. CFI : JMP :: BEH : ?
 - (a) CFI
 - (b) DGJ
 - (c) ILO
 - (d) KNQ

6. BDFH : YWUS :: CDEF : ?

- (a) STUV
- (b) VSTU
- (c) XWVU
- (d) UVWX

7. 2 : 8 :: 3 : ?

- (a) 8
- (b) 9
- (c) 12
- (d) 15

8. 4 : 256 :: ? : 1296

- (a) 5
- (b) 6
- (c) 7
- (d) 8

9. 14 : 40 :: 22 : ?

- (a) 64
- (b) 66
- (c) 68
- (d) 70

Directions: In questions no. 10 to 18, select the one which is different from the other three responses.

10.(a) Pen (b) Paper (c) Pencil (d) Mobile

11.(a) mouse (b) Printer (c) Monitor (d) Projector

12.(a) Litre (b) Metre (c) Km (d) Yard

13.(a) B (b) C (c) D (d) E

14.(a) ACE (b) BDF (c) KMO (d) PRS

15.(a) SAME (b) PACK (c) MAKE (d) LET

16.(a) 125 (b) 256 (c) 343 (d) 729

17.(a) 3 – 27 (b) 6 – 36 (c) 7 – 49 (d) 9 – 81

18.(a) 37 – 65 (b) 26 – 50 (c) 65 – 100 (d) 50 – 82

19. Amongst the following words, which word appears second in order in the English dictionary?

- (a) Dedication
- (b) Deduction
- (c) Deduce
- (d) Delete

Direction: In questions no. 20 and 21, which one of the given responses would be a meaningful order of the following words in ascending order?

20. A. Toe B. Elbow C. Knee D. Nose

- (a) A, B, C, D
- (b) D, C, B, A
- (c) B, C, D, A
- (d) A, C, B, D

21. A. Organising B. Planning C. Evaluating D. Controlling

- (a) B, A, C, D
- (b) A, B, C, D
- (c) D, C, B, A
- (d) B, C, D, A

Directions: In questions no. 22 to 27, choose the correct alternative from the given ones that will complete the series.

22. 1, 4, 16, 49, ?

- (a) 64
- (b) 81
- (c) 100
- (d) 121

23. 4, 9, 19, 34, ?

- (a) 49
- (b) 54
- (c) 59
- (d) 64

24. 7, 14, 42, 168, ?

- (a) 336
- (b) 504
- (c) 840
- (d) 1000

25. D, F, I, M, ?

- (a) R
- (b) Q
- (c) P
- (d) S

26. AF, BH, CJ, DL, ?

- (a) EL
- (b) EN
- (c) EO
- (d) EP

27. WFB, TGD, QHG, ?

- (a) NIJ
- (b) NIK
- (c) NJK
- (d) NKJ

28. A and B are sisters. C and D are brothers. A's daughter is D's sister. How B is related to C?

- (a) Sister
- (b) Cousin
- (c) Mother
- (d) Aunt

29. There are five friends - A, B, C, D and E. C is the tallest. B is shorter than E but taller than A and D. A is not the shortest in the group. Who has the equal number of shorter and taller friend in the group?
- (a) C
 - (b) E
 - (c) B
 - (d) A
30. From the given alternatives select the word which cannot be formed using the letters of the given word,
RESERVATION
- (a) RESERVE
 - (b) SERVE
 - (c) RATION
 - (d) RESET
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.
- | | | | | |
|---|---|---|---|---|
| A | C | H | I | N |
| 1 | 2 | 3 | 4 | 5 |
- (a) 1, 2, 3, 4, 5
 - (b) 2, 3, 4, 5, 1
 - (c) 3, 4, 5, 2, 1
 - (d) 5, 4, 1, 2, 3
32. If ECONOMIC is written as CIMONOCE in a certain code, how would FINANCIAL be written in that code?
- (a) LAICNANIF
 - (b) LAICANINF
 - (c) LAICANFNI
 - (d) LAICNAFIN

33. If REASONING is 123456768, how can SEASON be written in that code?
(a) 423465
(b) 423456
(c) 432456
(d) 432465
34. Which interchange of signs will make the following equation correct?
 $42 \div 7 - 4 + 10 \times 4 = 42$
(a) $-$ and $+$
(b) $-$ and $=$
(c) \times and $+$
(d) $-$ and \times
35. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.
 $30 * 6 * 7 * 10 * 8$
(a) $\div \times - =$
(b) $\div - + =$
(c) $\div \times + =$
(d) $\div + - =$
36. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.
 $7 \times 6 \times 5 = 675$, $3 \times 1 \times 5 = 135$,
 $4 \times 6 \times 2 = ?$
(a) 48
(b) 462
(c) 642
(d) 264

Directions: In questions no. 37 & 39, select the missing number from the given responses.

37. 36 64 100
 2 3 4
 24 72 ?

- (a) 160
- (b) 40
- (c) 100
- (d) 1000

38. 5 3 7 1
 7 5 9 3
 6 4 4 2
 2 2 ? 2

- (a) 2
- (b) 3
- (c) 4
- (d) 5

39. 5 5 7 4
 6 4 6 5
 2 3 4 3
 4 8 7 5
 14 17 ? 13

- (a) 14
- (b) 15
- (c) 16
- (d) 17

40. 'A' starts walking towards West, turns right, turns left, turns right, again turns right, once again turns left. In which direction is 'A' walking now?
- (a) North
 - (b) South
 - (c) East
 - (d) West
41. Ram walked 5 km east of his house and then turned to South covering 10 km. Finally he moved 10 km towards East and then again 10 km north. How far is he from his initial Position?
- (a) 5 km
 - (b) 10 km
 - (c) 15 km
 - (d) 20 km
42. A, B, C, D and E are standing in a line facing north. E is standing 70 metres right to B. A is standing 60 metres left to D. D is standing 30 metres right to C and 30 metres right to B. What is the distance (in metres) between C and D?
- (a) 80
 - (b) 90
 - (c) 100
 - (d) 110
43. A solid cube of 5 inches has been painted red, green and black on pairs at opposite faces. It has been cut into one inch cubes. How many cubes have only three faces painted?
- (a) 5
 - (b) 8
 - (c) 16
 - (d) 25

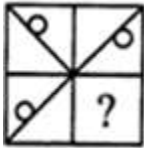
Direction: In the question no. 44 to 45, two statements are given followed by three conclusions I, II and III. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

44. Statements: 1. All cups are plates.
 2. No plate is a bottle.
- Conclusions: I. All cups are bottles.
 II. Some cups are bottles.
 III. No cup is a bottle.
- (a) Only conclusion I follows.
(b) Only conclusion II follows.
(c) Only conclusion III follows.
(d) Conclusion I and III follows.

45. Statements: 1. All cups are plates.
 2. All plates are bottles.
- Conclusions: I. All cups are bottles.
 II. Some cups are bottles.
 III. No cup is a bottle.
- (a) Only conclusion I follows.
(b) Only conclusion II follows.
(c) Only conclusion III follows.
(d) Conclusion I and II follows.

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

Question Figure:



Answer Figures:

- (a)
- (b)
- (c)
- (d)

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

Question Figure:

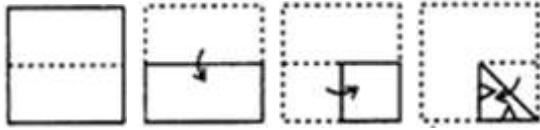


Answer Figures:

- (a)
- (b)
- (c)
- (d)

48. 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:

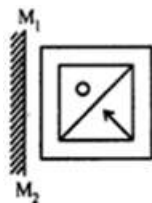


Answer Figures:

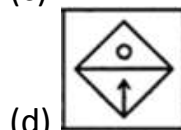
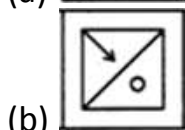
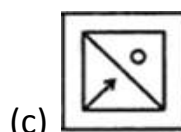
- (a)
- (b)
- (c)
- (d)

49. Which of the answer figures is exactly the mirror image of the question figure, when the mirror is held on the line M_1M_2 ?

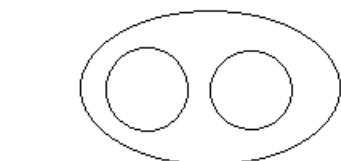
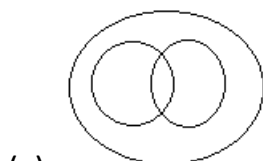
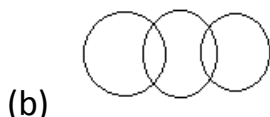
Question Figure:



Answer Figures:



50. Which one of the following diagrams best depicts the relationship among Home Ministry, Ministry of Finance and Government?



Answers:-

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