

# S.S.C. (U.D.C.)

Date: 16-05-2010

2nd Sitting

## PART – A

### GENERAL INTELLIGENCE & REASONING

Directions (Question Nos. 1 to 8): Select the related word / letters / number / figures from the given alternatives.

1. FOX : CUNNING :: RABBIT : ?  
(A) Courageous (B) Dangerous  
(C) Timid (D) Ferocious
2. FLEXIBLE : RIGID :: CONFIDENCE : ?  
(A) DIFFIDENCE  
(B) INDIFFERENCE  
(C) COWARDICE  
(D) SCARE
3. AZCX : BYDW : HQJQ : ?  
(A) GRFP (B) IPKM  
(C) IPKN (D) GRJP
4. QIOK : MMKO :: YAWC : ?  
(A) USGA (B) UESG  
(C) VUES (D) SUEG
5.  $\frac{ABC}{F} : \frac{BCD}{I} :: \frac{CDE}{L} : ?$   
(A)  $\frac{DEF}{O}$  (B)  $\frac{DEF}{N}$   
(C)  $\frac{EDF}{O}$  (D)  $\frac{DEF}{M}$
6. 1 : 8 :: 27 : ?  
(A) 37 (B) 47  
(C) 57 (D) 64

7. 24 : 126 :: 48 : ?  
(A) 433 (B) 192  
(C) 240 (D) 344
8. 987 : IHG :: 654 : ?  
(A) FDE (B) FED  
(C) EFD (D) DEF

Directions (Question Nos. 9 to 15): Find the odd word / letters / number / figure from the given response.

9. (A) Room (B) Chamber  
(C) Veranda (D) Cabin
10. (A) Mouth Organ (B) Electric Guitar  
(C) Keyboard (D) Sonata
11. (A) A (B) I  
(C) D (D) E
12. (A) RNMP (B) JFEH  
(C) RPOQ (D) HDCF
13. (A) AbcdE (B) IfghO  
(C) ApqrL (D) UlmnE
14. 6243 (B) 2643  
(C) 8465 (D) 4867
15. (A) 49 – 3 (B) 62 – 46  
(C) 83 – 67 (D) 70 – 55
16. From amongst the given alternatives, select the one in which of set of numbers of most like the set of numbers given below:  
(6, 14, 30)

Downloaded From: <http://sccportal.in>

- (A) 4, 16, 28 (B) 7, 12, 22  
(C) 6, 12, 22 (D) 5, 12, 20
17. Which one of the given responses would be a meaningful order of the number following words?  
(1) Family (2) Community  
(3) Member (4) Locality  
(5) Country  
(A) 3, 1, 4, 2, 5 (B) 3, 1, 2, 4, 5  
(C) 3, 1, 2, 5, 4 (D) 3, 1, 4, 5, 2
18. Arrange the following according to the dictionary:  
(1) TORTOISE (2) TORONTO  
(3) TORPED (4) TORUS  
(5) TORSEL  
(A) 2, 5, 3, 1, 4 (B) 2, 5, 3, 4, 1  
(C) 2, 3, 5, 1, 4 (D) 2, 3, 5, 4, 1
19. Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?  
\_ a \_ aaaba \_ \_ ba \_ ab \_  
(A) abaaaa (B) abaaba  
(C) aababa (D) ababaa
- Directions (Questions Nos. 20 to 24): Find the missing number / letters / figure from the given responses:  
-----
20. a, r, c, s, e, t, g, \_\_\_\_\_, \_\_\_\_\_  
(A) x, z (B) u, i  
(C) w, y (D) v, b
21. (?), PSVYB, EHKNQ, TWZCF, ILORU  
(A) BEHKN (B) ADGJM  
(C) SVYBE (D) ZCFIL
22. 0, 4, 18, 48, ?, 180  
(A) 58 (B) 68  
(C) 84 (D) 100
23. 36, 28, 24, 22, ?  
(A) 18 (B) 19  
(C) 21 (D) 22
24. 7, 9, 13, 21, 37, ?  
(A) 58 (B) 63  
(C) 69 (D) 72
25. Select the number does NOT belong the given series:  
232, 343, 454, 564, 676  
(A) 676 (B) 454  
(C) 343 (D) 564
26. A bus left with some definite number of passengers. At the first stop, half the passengers left the bus and 35 boarded the bus. At the second stop  $\frac{1}{5}$  th of the passengers left and 40 boarded the bus. Then, the bus moved with 80 passengers towards its destination without stopping anywhere. How many passengers were there originally?  
(A) 25 (B) 30  
(C) 40 (D) 50
27. If the day after tomorrow is Sunday, what day was tomorrow's day before yesterday?  
(A) Friday (B) Thursday  
(C) Monday (D) Tuesday
28. A man is 3 years older than his wife and four times as old as his son. If the son becomes 15 years old after 3 years, what is the present age of the wife?  
(A) 60 years (B) 51 years  
(C) 48 years (D) 45 years
29. X and Y are brothers. R is the father of Y. S is the brother of T and maternal uncle of X. What is T or R?  
(A) Mother (B) Wife  
(C) Sister (D) Brother
30. Suresh is 7 ranks ahead of Ashok in the class of 39 students. If Ashok's rank is 17<sup>th</sup> from the last, what is Suresh's rank from the start?  
(A) 16<sup>th</sup> (B) 23<sup>rd</sup>  
(C) 24<sup>th</sup> (D) 15<sup>th</sup>

Downloaded From: <http://sscportal.in>

31. A word/set of letters given in capital letters is followed by the four answer words. Out of these only one cannot be formed by using the letters of the given word/set of letters. Find out that word:  
INDETERMINATE  
(A) DETERMINE (B) RETINUE  
(C) REMINDER (D) RETINA
32. A group of alphabets are given with each being assigned a numerical code. These have to be unscrambled into a meaningful word and the correct code so obtained may be indicated from the given responses:  
R A H K S  
1 2 3 4 5  
(A) 5 1 2 3 4 (B) 5 4 2 1 3  
(C) 5 3 2 1 4 (D) 5 3 1 2 4
33. A statement is given followed by two assumptions, (1), (2). You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given assumptions can definitely be drawn from the given statement. Indicate your answer.  
Statements: Theoretical education does not bring in economic advancement and it leads to a steady loss of confidence and money in the country.  
Assumptions: (1) There is close relationship between development of confidence and economic development.  
(2) Theoretical education makes priceless contribution for development of confidence.  
(A) Only 1 is implicit.  
(B) 2 is implicit.  
(C) Both 1 and 2 are implicit.  
(D) Both 1 and 2 are not implicit.
34. Two statements are given followed by four conclusions, I, II, III and IV. You have to consider the statement to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer:  
Statement: (A) Now cow is a chair.  
(B) All chairs are tables.  
Conclusions: I. Some table are chairs.  
II. Some tables are cows.  
III. Some chairs are cows.  
IV. No table is a cow.  
(A) Either II or III follow  
(B) Either II or IV follow  
(C) Only I follow  
(D) All conclusions follow
35. If HONESTY is written as 5132468 and POVERTY is as 7192068, how is HORSE written in a certain code?  
(A) 50124 (B) 51042  
(C) 51024 (D) 52014
36. In a certain code SISTER is written as RHRSDQ. How is UNCLE written in that code?  
(A) TMBKD (B) TBMKD  
(C) TVBOD (D) TMKBD
37. If  $841 = 3$ ,  $633 = 5$ ,  $425 = 7$ , then  $217 = ?$   
(A) 6 (B) 7  
(C) 8 (D) 9
38. The following equations follow a common property. Find out the correct value to complete D:  
A = 51 (714) 14;  
B = 61 (915) 15;  
C = 71 (1136) 16;  
D = 81 (?) 17  
(A) (1377) (B) (1378)  
(C) (1356) (D) (1346)

Downloaded From: <http://sccportal.in>

39. After interchanging  $\div$  and  $=$ , 2 and 3 which one of the following statement becomes correct?

(A)  $15 = 2 \div 3$       (B)  $5 \div 15 = 2$   
 (C)  $2 = 15 \div 3$       (D)  $3 = 2 \div 15$

40.  $25 * 2 * 6 = 4 * 11 * 0$

Which set of symbols can replace  $*$  ?

(A)  $\times, -, \times, +$       (B)  $+, -, \times, +$   
 (C)  $\times, +, \times, -$       (D)  $\times, +, +, \times$

41. Find the missing number from the given responses:

5	6	12
4	3	4
2	3	?
18	27	96

(A) 4      (B) 5  
 (C) 3      (D) 6

42. Peter walked 8 kms. West and turned right and walked 3 kms. Then again he turned right and walked 12 hrs. How far is he from the starting point?

(A) 7      (B) 8  
 (C) 4      (D) 5

43. Babu is Rahim's neighbour and his house is 200 meters away in the north west direction. Joseph is Rahim's neighbour and his house is located 200 meters away in the south west direction. Gopal is Jopesh's neighbour and he stays 200 meters away in the south east direction. Roy is Gopals neighbour and his house is located 200 meteres away in the both east direction. Then where is the position is Roy's house in relation to Babu's?

(A) South east      (B) South west  
 (C) North      (D) North east

44. A group of friends are sitting in an arrangement one each at the corner of an octagon. All are facing the centre. Mahima is sitting diagonally opposite Rama, who is on Sushma's right. Ravi is next to Sushma and opposite Girdhar, who is on Chandra's left. Savitri is not on Mahima's right, but opposite Shalini. Who is on Shalini's right?

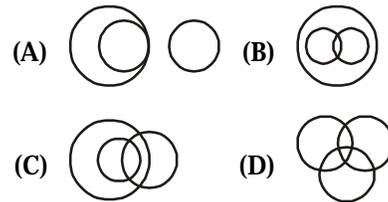
(A) Ravi      (B) Mahima  
 (C) Girdhar      (D) Rama

45. A cube has the following figures drawn on its five faces. The top surface is blank. The ellipse is between the cross and triangle. The square is on the right of the triangle. The ellipse and the square are opposite to each other. Which face is the circle on?

(A) On the top  
 (B) Opposite the ellipse  
 (C) Opposite to triangle  
 (D) At the bottom

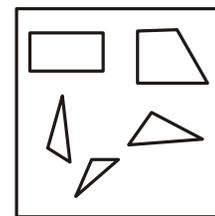
46. Choose the correct figure that represents the given relation:

Blue eyed, females, doctors



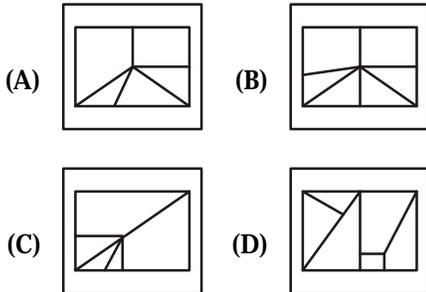
47. Among the four answer figures, which figure can be formed from the cut-pieces given below in the question figure?

Question Figure:



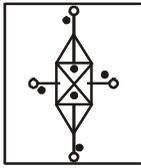
Downloaded From: <http://sscportal.in>

Answer Figures:

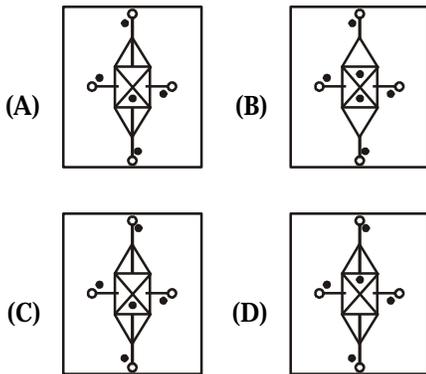


48. If a mirror is placed on the line LM, then which of the answer figures in the right image of the given question figure?

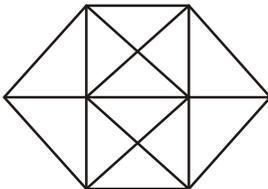
Question Figure:



Answer figures:



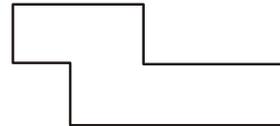
49. How many triangles are there in the following figure?



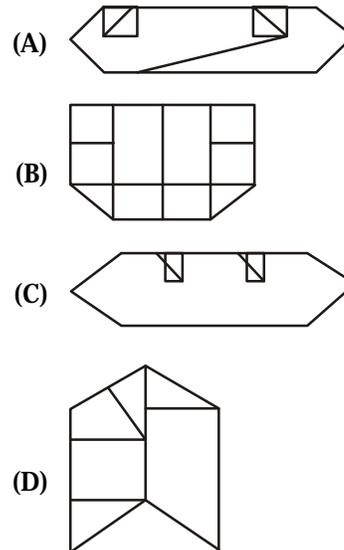
- (A) 20 (B) 24  
(C) 28 (D) 32

50. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question Figure:



Answer Figures:



## ANSWERS

1. (a)	2. (a)	3. (d)	4. (c)	5. (a)	6. (c)	7. (b)	8. (0)	9. (d)	10. (d)
11. (b)	12. (c)	13. (d)	14. (c)	15. (c)	16. (c)	17. (d)	18. (d)	19. (b)	20. (b)
21. (c)	22. (a)	23. (b)	24. (b)	25. (d)	26. (c)	27. (c)	28. (d)	29. (b)	30. (b)
31. (d)	32. (b)	33. (a)	34. (b)	35. (c)	36. (d)	37. (*)	38. (b)	39. (a)	40. (d)
41. (a)	42. (b)	43. (a)	44. (d)	45. (d)	46. (d)	47. (a)	48. (a)	49. (c)	50. (a)