

Date: 04-11-2018

Max. Marks: 100

**SOLUTIONS**

Time allowed: 120 mins

**Direction :** In each of the questions **1** to **8** a letter series is given with one term missing shown by question mark (?). This term is one of four alternatives given under it. Find the right alternative.

**1.** A, D, I, ?, Y.

- (1) R (2) P (3) N (4) T

**Ans. (2)**

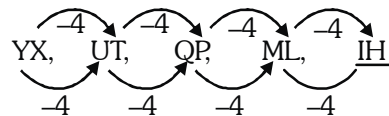
**Sol.** A, D, I, P, Y  
1, 4, 9, 16, 25

So, option (2) is the correct answer.

**2.** YX, UT, QP, ML, ?,

- (1) HI (2) JI (3) HG (4) IH

**Ans. (4)**

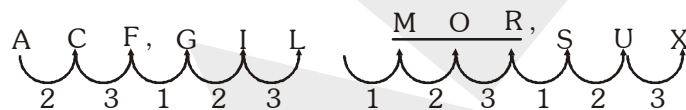
**Sol.** 

Hence, option (4) is correct.

**3.** ACF, GIL, ?, SUX.

- (1) NPS (2) MOR (3) MNQ (4) MOQ

**Ans. (2)**

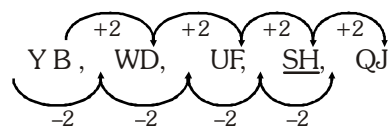
**Sol.** 

Hence, option (2) is correct.

**4.** YB, WD, UF, ?, QJ

- (1) SH (2) TI (3) RH (4) HS

**Ans. (1)**

**Sol.** 

Hence, option (1) is correct.

5. ABC, EFG, IJK, ?, UVW

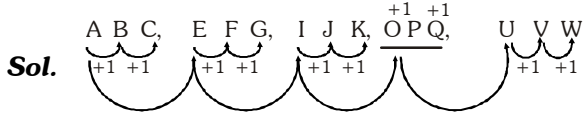
(1) MNO

(2) PQR

(3) OPQ

(4) QRS

Ans. (3)



All terms are starting with vowel.

Hence, option (3) is correct.

6. ABCD, BDFH, CFIL, ?, EJOT.

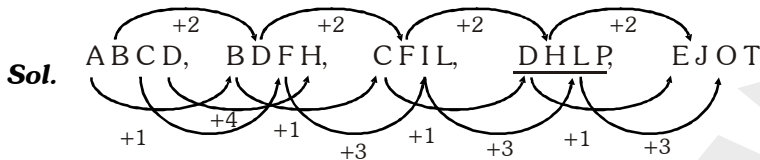
(1) DGKO

(2) DHMQ

(3) DHLP

(4) DIKP

Ans. (3)



Hence, option (3) is correct.

7. D, H, L, P, T, ?.

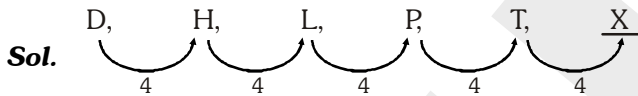
(1) W

(2) X

(3) Y

(4) U

Ans. (2)



Hence, option (2) is correct.

8. ZYAB, VUEF, RQIJ, ?, JIQR

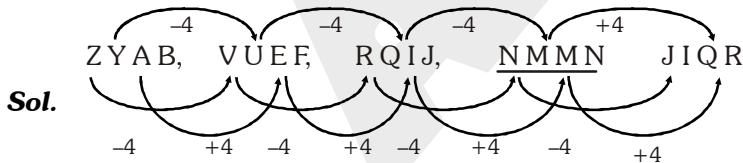
(1) NNMN

(2) MNMN

(3) MNNM

(4) NMMN

Ans. (4)



Hence, option (4) is correct.

**Instruction:** : In each of the Questions Nos. 9 to 16 a number series is given with one term missing shown by question mark (?). This term is one of the four alternatives given under it. Find the correct alternative.

9. 1, 2, 6, 15, ?, 56.

(1) 31

(2) 40

(3) 37

(4) 45

Ans. (1)

**Sol.** 1, 2, 6, 15, 31, 56  
 1 4 9 16 25

Hence, option (1) is correct.

**10.** 100, 50,  $33\frac{1}{3}$ , 25, 20, ?,

- (1) 15                      (2)  $16\frac{1}{3}$                       (3)  $17\frac{2}{3}$                       (4)  $16\frac{2}{3}$

**Ans. (4)**

**Sol.** 100, 50,  $33\frac{1}{3}$ , 25, 20,  $\frac{50}{3} = 16\frac{2}{3}$

$\frac{100}{1}, \frac{100}{2}, \frac{100}{3}, \frac{100}{4}, \frac{100}{5}, \frac{100}{6}$

Hence, option (4) is correct.

**11.** 17, 16, 8, ?, -83.

- (1) -1                      (2) -8                      (3) -19                      (4) -26

**Ans. (3)**

**Sol.** 17, 16, 8, -19, -83  
 $-1^3$   $-2^3$   $-3^3$   $-4^3$

Hence, option (3) is correct.

**12.** 6, 24, 60, 120, ?.

- (1) 180                      (2) 195                      (3) 210                      (4) 225

**Ans. (3)**

**Sol.** 6, 24, 60, 120, 210  
 $2^3 - 2, 3^3 - 3, 4^3 - 4, 5^3 - 5, 6^3 - 6$

Hence, option (3) is correct.

**13.** 49, 64, 56, 57, 63, ?, 70, 43

- (1) 64                      (2) 50                      (3) 52                      (4) 67

**Ans. (2)**

**Sol.** 49, 64, 56, 57, 63, 50, 70, 43  
 $+7$   $+7$   $+6$   
 $+7$   $+7$   $+7$

Hence, option (2) is correct.



**18.** Statements : (i) : Earth is smaller than Moon.  
(ii) : Moon is bigger than Sun.  
Conclusions: (i) : Sun is bigger than Earth.  
(ii) : Earth and Sun are equal.

- (1) Only conclusion I follows  
(3) Both conclusion I and II follow

- (2) Only conclusion II follows  
(4) Neither conclusion I nor II follows

**Ans. (4)**

**Sol.** Moon > Earth

Moon > Sun

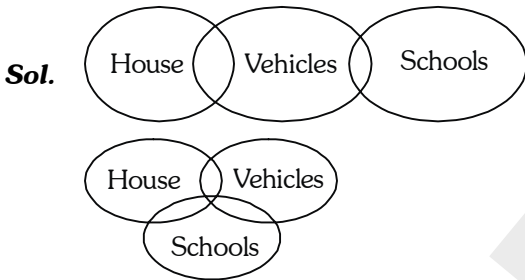
But who is bigger in Earth and Sun is not determined.

**19.** Statements : (i) : Some houses are vehicles.  
(ii) : Some vehicles are schools.  
Conclusions: (i) : Some houses are schools.  
(ii) : Some schools are houses.

- (1) Only conclusion I follows  
(3) Both conclusion I and II follow

- (2) Only conclusion II follows  
(4) Neither conclusion I nor II follows

**Ans. (4)**



Hence, option (4) is correct.

**20.** Which of the following Venn diagrams correctly represents France, Europe and Canada?

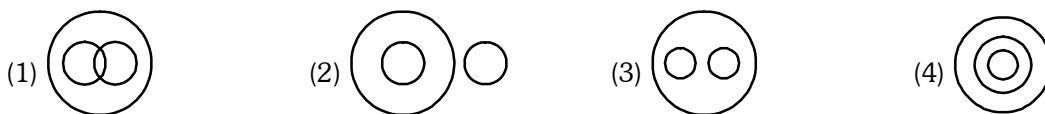


**Ans. (3)**

**Sol.** France is in Europe and Canada is in North America.

So, option (3) is correct.

**21.** Which of the following Venn diagrams correctly represents House, Kitchen and Bathroom ?



**Ans. (3)**

**Sol.** House has Kitchen as well as Bathroom.

22. Which of the following Venn diagrams correctly represents Uttar Pradesh, Agra and Taj Mahal ?



**Ans. (2)**

**Sol.** Agra is in Uttar Pradesh and Taj Mahal is in Agra

23. If '<' means '-', '>' means '+', '=' means '×' and '@' means '+', then what will be the value of  $7 = 4 < 8 = 3 > 39 @ 3$  ?

- (1) 10                                      (2) 17                                      (3) 39                                      (4) 52

**Ans. (2)**

**Sol.**  $7 = 4 < 8 = 3 > 39 @ 3$   
 $= 7 \times 4 - 8 \times 3 + 13$   
 $= 28 - 24 + 13 = 17$

Hence, option (2) is correct.

24. In a coded language, 'ACE' is written as '1925' and 'BIG' is written as '48149', then in the same language, 'DOG' will be written as

- (1) 41549                                      (2) 1622549                                      (3) 162259                                      (4) 42249

**Ans. (2)**

**Sol.** A C E =  $(1^2 \ 3^2 \ 5^2) = 1925$   
 1, 3, 5  
 B I G =  $(2^2 \ 9^2 \ 7^2) = 48149$   
 2, 9, 7  
 So, D O G =  $(4^2 \ 15^2 \ 7^2) = 1622249$   
 4, 15, 7

Hence, option (2) is correct.

25. In a coded language, 'SHOULDER' is written as 'TJSNMAGZ' and 'BOXING' is written as 'RSYCPH', then in the same language, 'HORN' will be written as

- (1) JSZP                                      (2) JSNS                                      (3) JNZS                                      (4) JZSP

**Ans. (1)**

**Sol.** SHOULDER → TJSNMAGZ  
 BOXING → RSYCPH

By taking the values from the above examples, we get :

HORN → JSZP

Hence, option (1) is the correct. answer.

**26.** In a coded language 'CALLED' is written as 'DELLAC' and 'TIGER' is written as 'REGIT', then in the same language, 'NORTH' will be written as

- (1) PQSUK                      (2) PTTVL                      (3) HTORN                      (4) HTRON

**Ans. (4)**

**Sol.** Coding of letters are done in reverse order.

**27.** In the given question, a statement is followed by two arguments I and II. You have to decide which of the following arguments is 'strong' or 'weak'.

**Statement :** High chimneys should be installed in industries.

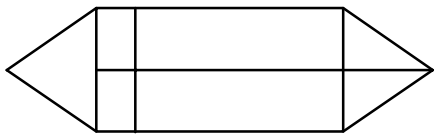
- Arguments :** (i) Yes, it reduces pollution at ground level.  
 (ii) No, it increases pollution in upper atmosphere.

- (1) Only Argument I is strong.                      (2) Only Argument II is strong.  
 (3) Both Arguments I and II are strong.                      (4) Both Arguments I and II are weak.

**Ans. (1)**

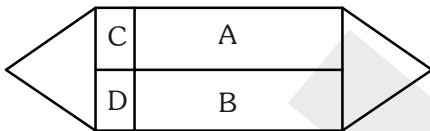
**Sol.** Only argument I is strong as high chimneys should be installed in industries so that it reduces pollution at ground level.

**28.** Determine the number of rectangles in the following figure :



- (1) 7                      (2) 8                      (3) 9                      (4) 10

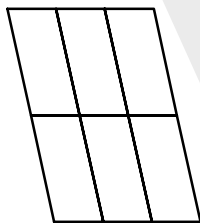
**Ans. (3)**



**Sol.**

Rectangles are A, B, C, D, AC, BD, AB, CD, ABCD = 9.

**29.** Determine the number of parallelograms in the following figure :



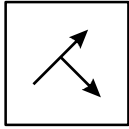
- (1) 14                      (2) 17                      (3) 18                      (4) 19

**Ans. (3)**

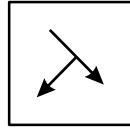
**Sol.** Number of parallelograms =  $\left(\frac{3 \times 2}{2}\right) \times \left(\frac{4 \times 3}{2}\right) = 18$

**Instruction :** In Questions Nos. **30 to 33**, find the correct mirror image of the given figure, when mirror is placed on right side of the figure.

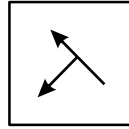
**30.** Question Image



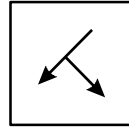
Answer-Image



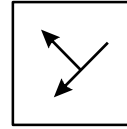
(1)



(2)



(3)

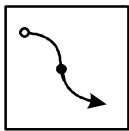


(4)

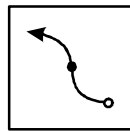
**Ans. (2)**

**Sol.** By visualization only.

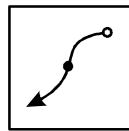
**31.** Question Image



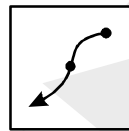
Answer-Image



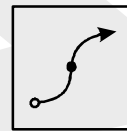
(1)



(2)



(3)



(4)

**Ans. (2)**

**Sol.** By visualization only.

**32.** QUALITY

(1) QILYATUQ

(2) QUTILAYQ

(3) QUTILAYQ

(4) QUTILAYQ

**Ans. (3)**

**Sol.** By visualization only.

**33.** 247596

(1) 695742

(2) 247596

(3) 695742

(4) 247596

**Ans. (4)**

**Sol.** By visualization only.

**Instruction :** In Question Nos. **34 to 37**, find the correct water-image of the given figure.

**34.** FAMILY

(1) YLIMAV7L

(2) 7VMI7L

(3) 7VMI7L

(4) 7VMI7L

**Ans. (4)**

**Sol.** By visualization only.

**35.** NhRqSy

(1) ySpRnH

(2) ySpRnH

(3) ySpRnH

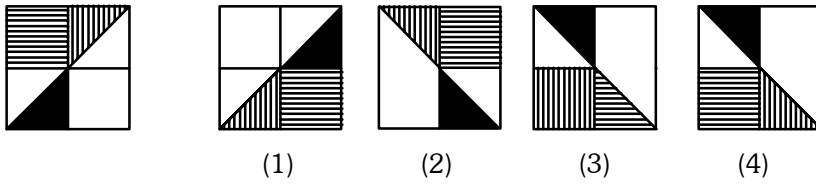
(4) ySpRnH

**Ans. (1)**

**Sol.** By visualization only.



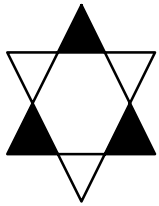
36. Question figure      Answer figures



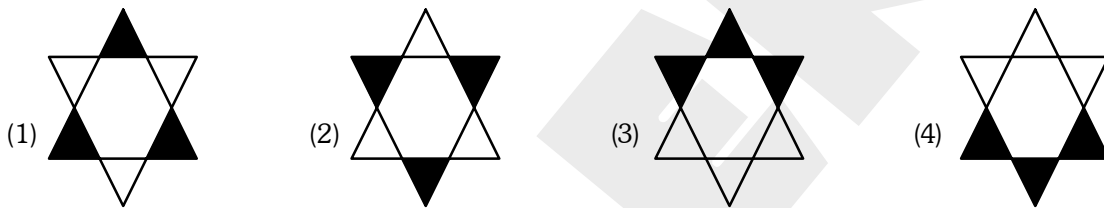
**Ans. (4)**

**Sol.** By visualisation only

37. Question figure



Answer figures

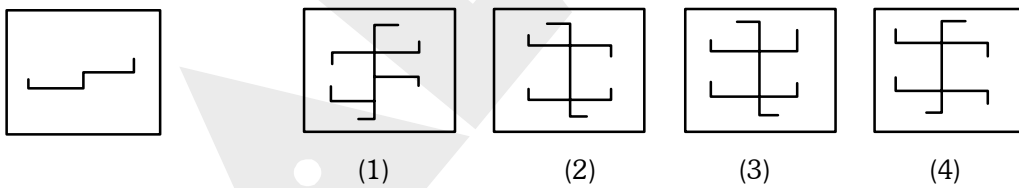


**Ans. (2)**

**Sol.** By visualisation only

**Instruction :** In the following Question Nos. **38 to 41**, these is a question figure, which is embedded in one of the answer figures. Trace out the correct figure.

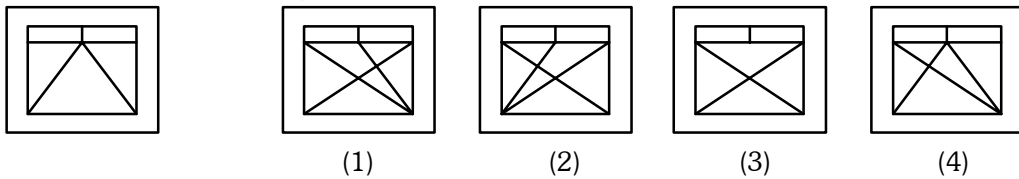
38. Question figure      Answer figures



**Ans. (1,3)**

**Sol.** By visualisation only

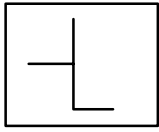
39. Question figure      Answer figures



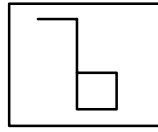
**Ans. (4)**

**Sol.** By visualisation only

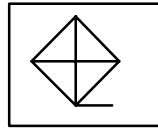
40. Question figure



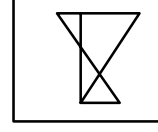
Answer figures



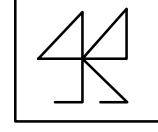
(1)



(2)



(3)

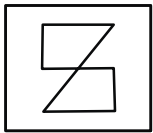


(4)

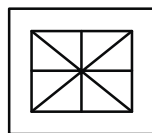
**Ans. (2)**

**Sol.** By visualisation only

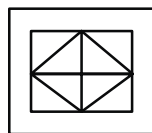
41. Question figure



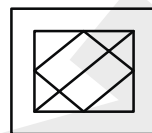
Answer figures



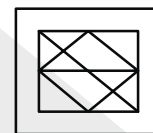
(1)



(2)



(3)

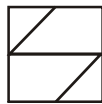


(4)

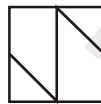
**Ans. (1)**

**Sol.** By visualisation only

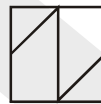
42. Which of the answer figures will complete the given matrix figure ?



(1)



(2)



(3)



(4)

**Ans. (3)**

**Sol.** By visualisation only

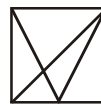
43. Which of the answer figures will complete the given matrix figure ?



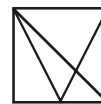
(1)



(2)



(3)



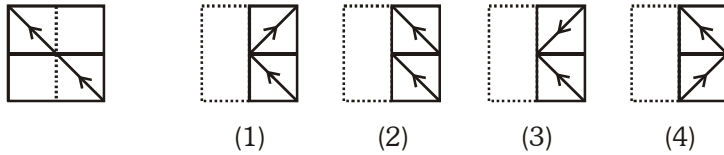
(4)

**Ans. (3)**

**Sol.** By visualisation only

**Instruction :** Q. No. 44 to 47: A square transparent sheet with a pattern is folded along the dotted line. Which of the following answer figures is formed after folding the transparent sheet ?

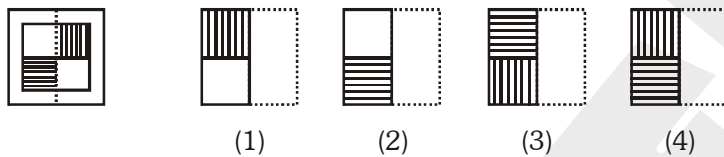
44. Transparent sheet                      Answer figures



**Ans. (1)**

**Sol.** By visualisation only

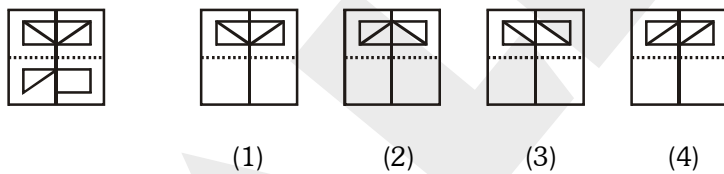
45. Transparent sheet                      Answer figures



**Ans. (4)**

**Sol.** By visualisation only

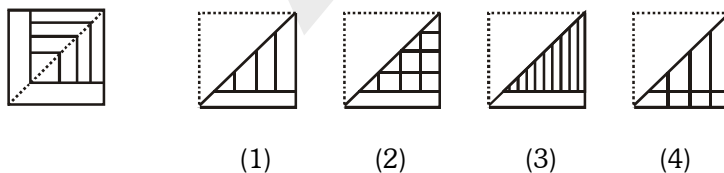
46. Transparent sheet                      Answer figures



**Ans. (1)**

**Sol.** By visualisation only

47. Transparent sheet                      Answer figures

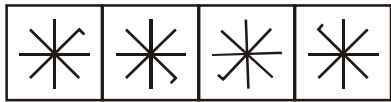


**Ans. (1)**

**Sol.** By visualisation only

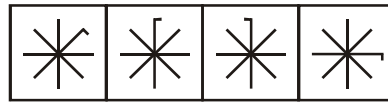
**Instruction :** In Question Nos. **48 to 55**, there are two sets of figures. One set contains problem figures while the other has answer figures. There is a sequence according to which the problem figures are arranged. You have to select and answer figure which can be added in sequence with the problem figures. Choose the correct answer figure.

**48.** Problem figures



(A) (B) (C) (D)

Answer figures

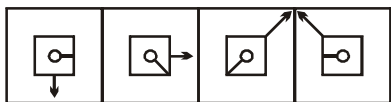


(1) (2) (3) (4)

**Ans. (1)**

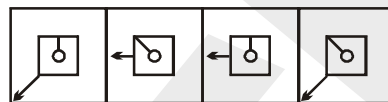
**Sol.** By visualisation only

**49.** Problem figures



(A) (B) (C) (D)

Answer figures

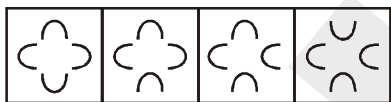


(1) (2) (3) (4)

**Ans. (3)**

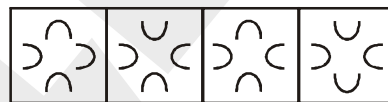
**Sol.** By visualisation only

**50.** Problem figures



(A) (B) (C) (D)

Answer figures

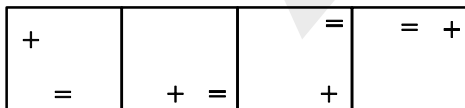


(1) (2) (3) (4)

**Ans. (2)**

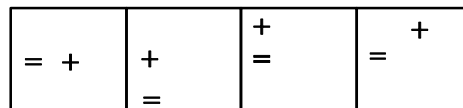
**Sol.** By visualisation only

**51.** Problem figures



(A) (B) (C) (D)

Answer figures

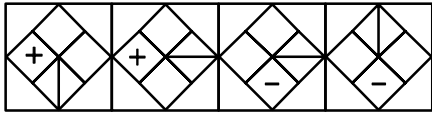


(1) (2) (3) (4)

**Ans. (4)**

**Sol.** By observation

52. Problem figures

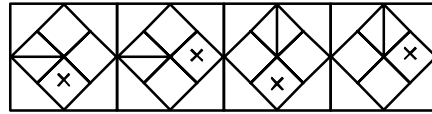


(A) (B) (C) (D)

Ans. (4)

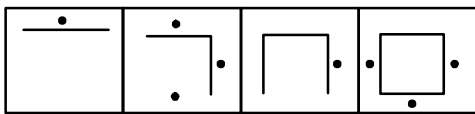
Sol. By observation

Answer figures



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

53. Problem figures

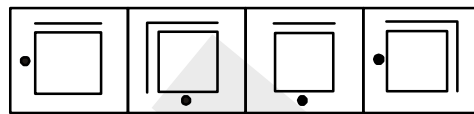


(A) (B) (C) (D)

Ans. (3)

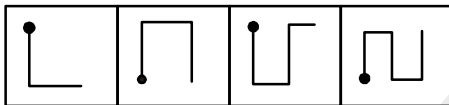
Sol. By observation

Answer figures



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

54. Problem figures

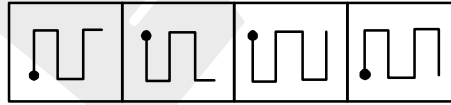


(A) (B) (C) (D)

Ans. (2)

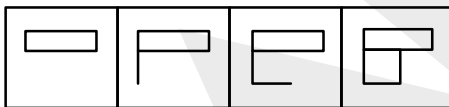
Sol. By observation

Answer figures



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

55. Problem figures

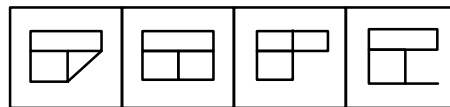


(A) (B) (C) (D)

Ans. (3)

Sol. By observation

Answer figures



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

56. A family has a man, his wife, their four sons and their wives. Each son has 3 sons and 1 daughter. How many male members are there in the whole family ?

(1) 5 (2) 8 (3) 16 (4) 17

Ans. (4)

Sol. A man and his 4 sons and every son's 3 sons

So,  $1 + 4 + 3 \times 4 = 17$

**Direction :** Read the information given below carefully :

A is the son of B. B's sister C has a son D and a daughter E. F is maternal uncle of D.

Answer Question Nos. **57 to 60** based on this information.

**57.** How is A related to D ?

- (1) Cousin                      (2) Nephew                      (3) Brother                      (4) Uncle

**Ans. (1)**

**58.** How is E related to F ?

- (1) Sister                      (2) Daughter                      (3) Niece                      (4) Wife

**Ans. (3)**

**59.** How many nephews does F have ?

- (1) 0                      (2) 1                      (3) 2                      (4) 3

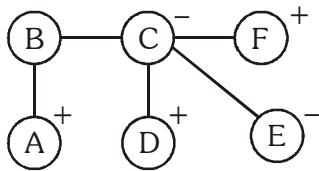
**Ans. (3)**

**60.** How is B related to F ?

- (1) Brother/Sister                      (2) Husband                      (3) Father                      (4) Cousin

**Ans. (1)**

**Sol. (57 to 60)**



A is cousin of D.

E is Niece of F.

F have 2 nephews (A & D)

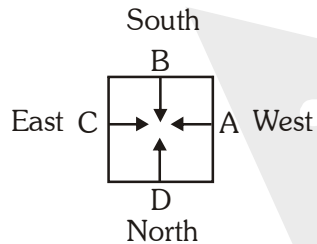
B can be brother or sister of F.

**61.** A,B,C and D are playing carrom. C, A and D, B are partners. D is to the right of C. C is facing west. Then, B is facing which direction ?

- (1) North                      (2) South                      (3) East                      (4) West

**Ans. (1)**

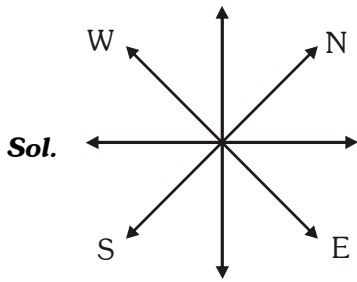
**Sol.**



**62.** If 'South-east' is called 'East', 'North-west' is called 'West', 'South-west' is called 'South', then in the same way, 'North' will be called as

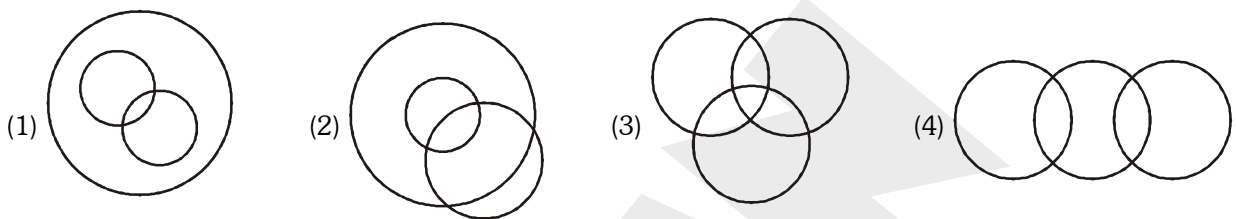
- (1) East                      (2) North-east                      (3) North-west                      (4) West

**Ans. (3)**



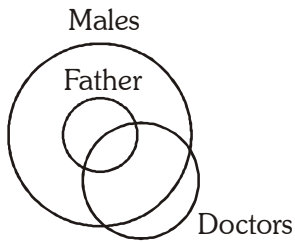
By the diagram we can say 'North' will be North-west.

**63.** Which of the following Venn diagrams correctly represents Males, Fathers and doctors ?

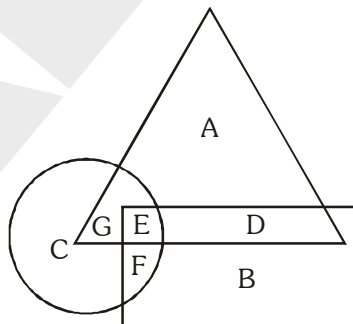


**Ans. (2)**

**Sol.**



**Instruction :** Answer Question Nos. 64 to 67 based on the diagram given below :



In above figure, triangle shows rural women, rectangle shows unemployed women and circle shows educated women.

**64.** Educated, employed and rural women are represented by

(1) D

(2) E

(3) F

(4) G

**Ans. (4)**

**Sol.** By the given diagram answer will be G, i.e. (4).

- 65.** What does D represent ?  
 (1) Educated rural women (2) Uneducated, unemployed and rural women  
 (3) Educated unemployed women (4) Educated employed women

**Ans. (2)**

**Sol.** 'D' Represents uneducated, employed and rural women. Hence answer is (2).

- 66.** Educated, unemployed and rural women are represented by  
 (1) A (2) B (3) D (4) E

**Ans. (4)**

**Sol.** 'E' represents.

- 67.** Educated unemployed women are represented by  
 (1) B, C (2) D, E (3) E, F (4) G, E

**Ans. (3)**

**Sol.** 'E' & 'F' represents.

- 68.** How many numbers from 1 to 100 are there which are completely divisible by 4 and also has 4 as digit ?  
 (1) 7 (2) 10 (3) 20 (4) 25

**Ans. (1)**

**Sol.** 7 numbers (4, 24, 40, 44, 48, 64, 84)

- 69.** How many odd numbers are there in the sequence each of which is immediately followed by an odd number ?  
 5 1 4 7 3 9 8 5 7 2 6 3 1 5 8 6 3 8 5 2 2 4 6 4 9 6

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

**Ans. (3)**

**Sol.**  $\boxed{5}14\boxed{7}3\boxed{9}8\boxed{5}726\boxed{3}1\boxed{5}8638\boxed{5}224649\boxed{6}$

- 70.** An integer is greater than 3 but less than 8. Also it is greater than 6 but less than 10. This number is equal to  
 (1) 4 (2) 6 (3) 7 (4) 8

**Ans. (3)**

**Sol.**  $3 < x < 8$  i.e. 4, 5, 6, 7

$6 < x < 10$  i.e. 7, 8, 9

Common number is 7.

Hence answer is (3).

- 71.** A has 18<sup>th</sup> rank in a class of 49 students. What is his rank from the last ?  
 (1) 18 (2) 19 (3) 31 (4) 32

**Ans. (4)**

**Sol.** A's rank from the last is  $(49 - 18 + 1) = 32^{\text{th}}$ .

- 72.** If it was Saturday on 17<sup>th</sup> December, 2002, then what was the day on 22<sup>nd</sup> December, 2004 ?  
 (1) Monday (2) Sunday (3) Friday (4) Tuesday

**Ans. (2)**

**Sol.** 17<sup>th</sup> December 2002 ----- 22<sup>nd</sup> December 2004

Number of odd days between given dates are 8.

$$\frac{8}{7} = 1 \text{ odd day}$$

22<sup>nd</sup> December 2004 will be Saturday + 1 = Sunday, hence answer is (2).



**73.** If number of days are not considered, which two months in a year have same calendar ?  
 (1) June, October                      (2) April, November                      (3) April, July                      (4) October, December

**Ans. (3)**

**Sol.** By options

	April	May	June	July
	↓	↓	↓	↓
Number of odd days	2	3	2	3

According to number of odd days April will have same calendar as July. Hence answer is (3).

**74.** If 25<sup>th</sup> August in a year is Thursday, then number of Mondays in that month is  
 (1) 3    (2) 4    (3) 5    (4) 6

**Ans. (3)**

**Sol.** There are 5 Mondays (1, 8, 15, 22, 29).

**75.** If (+) stands for (×), (-) stand for (÷), (×) stands for (-) and (÷) stands for (+), then value of [26 + 72 - 4 × 5 ÷ 2] is  
 (1) 108    (2) 465    (3) 471    (4) 488

**Ans. (2)**

**Sol.** [26 × 72 ÷ 4 - 5 + 2]  
 [26 × 18 - 3] = 465

**76.** If  $A + B > C + D$  and  $D + A < B + C$ , then  
 (1)  $D > B$     (2)  $C > D$     (3)  $A > D$     (4)  $B > D$

**Ans. (4)**

**Sol.**  $A + B > C + D$     ... (i)  
 $B + C > D + A$     ... (ii)  
 Add (i) & (ii)  
 $A + 2B + C > A + 2D + C$   
 $2B > 2D$   
 So, answer is  $B > D$ .

**77.** Arrange the following in a meaningful sequence :  
 A = Birth, B = Death, C = Funeral, D = Marriage, E = Education  
 (1) AEDBC    (2) ADECB    (3) AEBDC    (4) ADEBC

**Ans. (1)**

**Sol.** By observation.

**78.** Arrange the following in a meaningful sequence :  
 A = Study, B = Service, C = Examination, D = Earning, E = Result.  
 (1) EACDB    (2) ABECD    (3) ACEBD    (4) AECBD

**Ans. (3)**

**Sol.** By observation

**79.** A solid cube of white material is painted black on all its surface. If it is cut into 125 smaller cubes of same size, then how many cubes will have two sides painted black?

- (1) 32                      (2) 36                      (3) 42                      (4) 40

**Ans. (2)**

**Sol.**  $12 \times (n - 2)$                        $n = \text{length of bigger cube} = 5$   
 $12 \times (5 - 2)$   
 $12 \times 3 = 36$

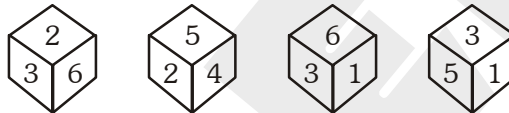
**80.** A cube painted red on all faces is cut into 27 small cubes of equal size. How many cubes are not painted on any face?

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

**Ans. (1)**

**Sol.**  $(n - 2)^3$                        $n = \text{length of bigger cube} = 3$   
 $(3 - 2)^3$   
 $= 1$

**81.** The four different positions of a die are given below. Which number is on the face opposite to 3?

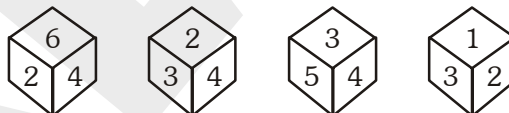


- (1) 6                      (2) 4                      (3) 2                      (4) 5

**Ans. (2)**

**Sol.** 3 is adjacent 2, 6, 1, 5 (by 1st and 4th die)  
 so, 3 on the face opposite to 4.

**82.** The four different positions of the die are given below. Which number is on the face opposite to 2?



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

**Ans. (3)**

**Sol.** 2 is adjacent 6, 4, 3, 1 (by 1st and 4th die)  
 so, 2 on the face opposite to 5.

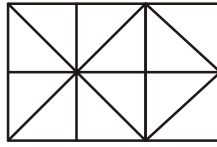
**83.** How many two-digit numbers can be formed from numbers 2, 5, 6, 8, 7, 1 such that each number has digit 8 always?

- (1) 9                      (2) 10                      (3) 11                      (4) 12

**Ans. (3)**

**Sol.** Numbers are formed 81, 82, 85, 86, 87, 18, 28, 58, 68, 78, 88  
 so, total 11 numbers are formed.

84. Determine the number of squares in the following figure :



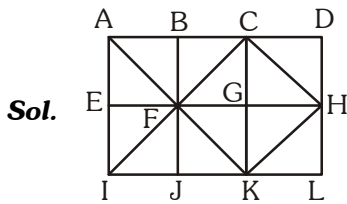
(1) 7

(2) 8

(3) 9

(4) 10

Ans. (3)



Sqaure are ABFE, BCGF, CDHG, EFJI, FGKJ, GHLK, ACKI, BDLJ, CHKF

85. If '+' stands for 'x', '-' stands for '÷', 'x' stands for '-' and '÷' stands for '+', then value of  $\frac{(36 \times 4) - 8 \times 4}{4 + 8 \times 2 + 16 \div 1}$  is

(1) 8

(2) 12

(3) 0

(4) 4

Ans. (3)

Sol. 
$$\frac{(36 \times 4) - 8 \times 4}{4 + 8 \times 2 + 16 \div 1}$$

after sign changing

$$\frac{(36 - 4) \div 8 - 4}{4 \times 8 - 2 \times 16 + 1} = \frac{4 - 4}{32 - 32 + 1} = 0$$

86. In a row of students, A is sixth from the left and B is tenth from the right. If there are 8 students between A and B, then total number of students in the row is—

(1) 23

(2) 24

(3) 25

(4) 26

Ans. (2)



so total number of students in the row is  $6 + 8 + 10 = 24$



87. By observation Answer is 12.

88. By observation Answer is 4.

89. By observation Answer is 2, 13, 3.

90. By observation Answer is 5.

91. As 'circle' is related to its 'circumference', in the same way, 'square' is related to which of the following?

- (1) Volume                      (2) Area                      (3) Diagonal                      (4) Perimeter

**Ans. (4)**

**Sol.** By visualisation.

92. As 'walking' is related to 'running', in the same way, 'smiling' is related to which of the following?

- (1) Feeling                      (2) Weeping                      (3) Laughing                      (4) Watching

**Ans. (3)**

**Sol.** By visualisation.

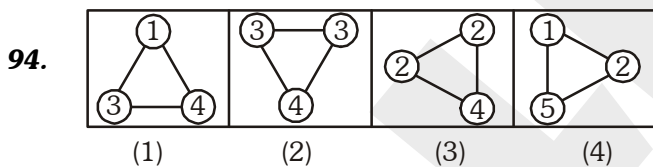
93. As 'college' is related to its 'student' in the same way, 'hospital' is related to which of the following?

- (1) Doctor                      (2) Patient                      (3) Nurse                      (4) Treatment

**Ans. (2)**

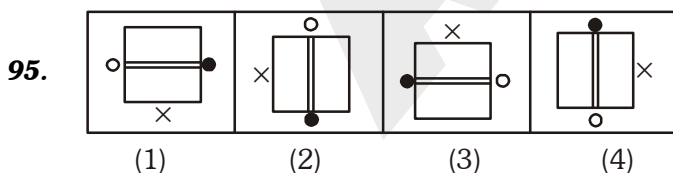
**Sol.** By visualisation.

**Instruction :** In Questions Nos. 94 to 96, there are four figures given in each. One of these figures does not correlate with the rest of the figures. Select that odd figure.



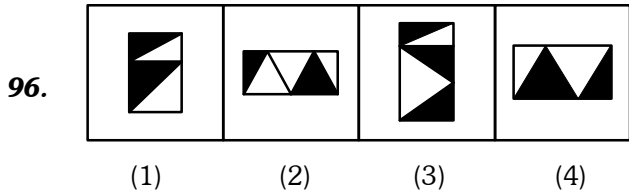
**Ans. (2)**

**Sol.** Sum of all three vertices number equal to 8, except option (2).



**Ans. (4)**

**Sol.** Options (1), (2) and (3) are formed by rotating each other, except option (4).



**Ans. (2)**

**Sol.** Options (1), (3) and (4) have equal dark and light area, except option (2).

**Instruction :** In Questions Nos. **97 to 110**, there are alternatives are alike in a certain way but the rest one is different. Select the odd one.

97. (1) Radish                      (2) Carrot                      (3) Pea                      (4) Turnip

**Ans. (3)**

**Sol.** All are roots except Pea.

98. (1) 105                      (2) 91                      (3) 65                      (4) 117

**Ans. (1)**

**Sol.** By option (2), (3) and (4) multiple of 13, except option (1).

99. (1) OVO                      (2) CUU                      (3) TTA                      (4) AFA

**Ans. (3)**

**Sol.** Options (1), (2) and (4) have two vowels and one consonant, except option (2).

100. (1) Football                      (2) Carrom                      (3) Hockey                      (4) Cricket.

**Ans. (2)**

**Sol.** Options (1), (3) and (4) have outdoor games, except option (2).

\* \* \* \* \*