

**NATIONAL TALENT SEARCH EXAMINATION-2019-20, CHHATTISGARH**  
**MENTAL APTITUDE TEST (MAT) PAPER & HINTS & SOLUTION**

**Direction (From Q.1 to 10)**

1. Choose the correct alternative to fill the missing term/ terms in the given series.

A, Z, D, W, P, K, M, \_\_\_\_\_

(A) M (B) N (C) L (D) T

**Sol. (B)**

1,26, 4,23, 16,11 M,N **sum is 27**

2. YEB, WFD, UHG, SKI, \_\_\_\_\_

(A) QGC (B) TCL (C) QOL (D) None of these

**Sol. (C)**

25 5 2, 23 6 4, 21 8 7, 19 11 19, 17 15 12

3. \_\_\_\_\_, siy, oeu, kaq, gwn, csi

(A) wnc (B) wnb (C) wmc (D) None of these

**Sol. (C)**

23 13 29, 19 9 25, 15 5 21, 17 1 17, 7 25 14, 3 14 9  
w m c siy o e u k a q g w n c s i

4. a\_baccaba\_aab\_cca\_aa\_a\_ac

(A) ababab (B) aabbab (C) aaabab (D) abbaba

**Sol. (C)**

5. B,D,H,N, \_\_\_\_\_

(A) V (B) U (C) W (D) M

**Sol. (A)**

2, 4,8, 14, **22**, v

6. 3,7,6,5,9,3,12,1,15, \_\_\_\_\_

(A) 18 (B) -1 (C) 13 (D) None of these

**Sol. (B)**

-2 -2 -2

3, 7, 6, 5, 9, 3, 12, 1, 15, -1

7. 2, 3, 16, 5, 6, 49, 8, 9, \_\_\_\_\_

(A) 53 (B) 64 (C) 96 (D) 100

**Sol. (D)**

2, 3, 16, 5, 6, 49, 8, 9,  $10^2$

+3 +3

8. 9,25,49,121, \_\_\_\_\_

(A) 225 (B) 169 (C) 196 (D) 144

**Sol. (B)**

9, 25, 49, 121, **169**

$13^2$

9. 4A, 25B, 100C, 289D, \_\_\_\_  
(A) 392E (B) 676E (C) 355E (D) None of these  
4A, 25B, 100C, 289D

Sol. (B)  
 $2^2A$   $5^2B$   $10^2C$   $17^2D$   $26^2E$

10. BD8, DF24, FH48, \_\_\_\_  
(A) HJ64 (B) HJ84 (C) HI80 (D) HJ80

Sol. (D)  
B D 8, D F 24, F H 48, H J 80

2 4 4 6 6 8 8 10

**Direction (From Q.11 to 12)**

In the given questions two words/terms are given in the left of :: sign. They have certain relationship between them. The same relationship exists between the word/ term given to the right of :: sign and one of the given alternatives. Choose the correct alternative.

11.  $3 : 3\frac{3}{8} :: 5 : ?$   
(A)  $5\frac{5}{8}$  (B)  $5\frac{1}{8}$  (C)  $5\frac{3}{8}$  (D) HJ80

Sol. (A)  
 $3 : \frac{27}{8} :: 5 : 5 \times \frac{9}{8} \rightarrow \frac{45}{8} \rightarrow 5\frac{5}{8}$

12. Dda : aDD :: Rrb : ?  
(A) RRb (B) BDA (C) bRR (D) BBr

Sol. (C)  
b R R

13. Choose the correct alternative in which two words have same relationship as between the words in the left of::

Poet : Verse :: ?

- (A) Porse : Novelist (B) Author : Book  
(C) Noved : Prose (D) None of these

Sol. (B)

**Direction (From Q.14 to 15)**

In the group of words given below all except one. Share a common similarity. Select the odd one.

14. (A) Biscuit (B) Bread (C) Milk (D) Khakhara

Sol. (C)

15. (A) Rupees (B) Dollar (C) Lira (D) Ghana

Sol. (D)

16. If in a code language SAND is written as VDQG and BIRD is written as ELUG. Then LOVE will be written as:

- (A) ORTG (B) NPUH (C) PRYG (D) ORYH

Sol. (D)

19 1 14 14 27 4 17 7

S A N D → V D Q G +3, +3....

B I R D → E L U G

L O V E → O R Y H

**Direction (From Q.17 to 18)**

If in a certain code language:

- (i) Traders are above laws is written as 'lop eop aop fop'
- (ii) Developers were above profitable is written as 'fop cop bop gop'
- (iii) Developers stopped following traders is written as 'aop bop uop cop'
- (iv) Following maps were laws is written as 'cop jop eop uop'

Then choose the correct alternative in the given questions.

17. Developers are following laws would be written as:

- (A) bop cop uop eop
- (B) lop bop cop uop
- (C) aop cop lop qop
- (D) None of these

**Sol. (B)**

|            |     |            |     |
|------------|-----|------------|-----|
| Developers | bop | following  | uop |
| Are        | lop | laws       | eop |
| Above      | fop | were       | lop |
| Stopped    | qop | profitable | gop |

18. 'qop gop cop eop' would correctly mean :

- (A) Profitable laws were stopped
- (B) Developers stopped following laws
- (C) Traders were above profitable
- (D) None of these

**Sol. (A)**

19. If in a code language 'GO' is coded as 32 and 'SHE' is coded as 49, then what will be the code for 'SOME'?

- (A) 56
- (B) 58
- (C) 62
- (D) 64

**Sol. (A)**

20 12 → 32

G O

S H E → 49

S O M E → 56

20. If in a code language 'FITER' is coded as 'GJUFS', then 'GOATS' will be coded as:

- (A) OGBUT
- (B) HPBUT
- (C) HNBTU
- (D) FPBUR

**Sol. (B)**

6 9 20 5 18 7 10 21 6 19

F I T E R → G J U F S

7 15 1 20 14 8 16 2 21 20

G O A T S → H P B U T

21. While introducing a lady, a man said "her mother is the only daughter of my mother-in-law". What is the relation of the man with lady?

- (A) Son (B) Brother (C) Husband (D) Father

**Sol. (C)**

22. A women Manisha asked a man Harsh. "You are the brother of my uncle's daughter". How is Harsh related to Manisha?

- (A) Cousin (B) Son (C) Brother-in law (D) Nephew

**Sol. (A)**

**Direction (From Q.23 to 25)**

P,Q,R,S,T and U are members of six member family. R is son of P and Q. S is grand daughter of T. U is grand daughter of Q. P is the only son of his father T.

23. Which of the following are husband-wife?

- (A) P,S (B) T,U (C) P,Q (D) R,U

**Sol. (C)**

24. How many female family members are there in the family

- (A) 2 (B) 3 (C) 4 (D) 5

**Sol. (B)**

25. Who is the daughter of P?

- (A) Q (B) R (C) S (D) U

$P^+ \longleftrightarrow Q^-$

$R^+$

$S^-$

$\downarrow$   
 $U^-$

**Sol. (C)**

**Direction : (From Q. No. 26 to 28)**

- (i) F, G, H, I, J, K are six numbers.
- (ii) These numbers are distinct.
- (iii) K is greater than F.
- (iv) F is greater than G.
- (v) I is less than J but greater than F.
- (vi) J is greater than K but less than H.
- (vii) The largest number is 60 and difference between two consecutive numbers is 10.
- (viii) K and F are two consecutive numbers.

26. The largest number is:

- (A) H (B) G (C) F (D) K

**Sol. (A)**  
F G H I J K  
 $H > J > K > F > G$        $F < I < J$   
 $H > J > I > K > F > G$   
60 50 40 30 20 10

27. Difference between the number J and F is:  
(A) 10      (B) 20      (C) 30      (D) 40

**Sol. (C)**  
28. Which number is least?  
(A) J      (B) G      (C) K      (D) F




**Sol. (B)**  
29. If  
P is taller than Q  
R is shorter than P  
S is taller than T but shorter than Q  
Who among them is tallest?  
(A) P      (B) Q      (C) S      (D) T  
**Sol. (A)**  
 $P > Q$ , P R Q S T or P Q S R T

30. Five girls took part in a race. Rajshree finished before Mohila but behind Gaura. Ashma finished before Sangeet but behind Mohilla. Who won the race?  
(A) Rajshree      (B) Guara      (C) Mohilla      (D) Data is inadequate  
**Sol. (B)**  
Gaura Raj Mohi Ashna Sangeeta

31. Five persons are sitting in a row. One of the two persons at the extreme ends is intelligent and other one is fair. A fat person is sitting to the right of a weak person. A tall person is to the left of the fair person and the weak person is sitting between the intelligent and fat person. Which of them is sitting at the center?  
(A) Intelligent      (B) Fat      (C) Fair      (D) Weak  
**Sol. (B)**  
Intelligent      fat      tall      fair  
weak

32. If A is to the north of B and C is in the west of B. then in what direction A with respect to C?  
(A) North-East      (B) East      (C) South-West      (D) West  
**Sol. (A)**  
$$\frac{1000 - (170 + 105 + 180 + 85 + 78 + 208 + 175)}{175}$$

33. A person stands facing north east. He first turns  $135^\circ$  anticlockwise then after  $180^\circ$  clockwise. Then in what direction is he facing now?  
(A) East (B) West (C) North (D) South-West  
**Sol. (A)**

34. In a dinner, fish and meat both were served. Some ate only meat, some ate only fish and some ate both. The rest were vegetarians who did not eat either. Which of the following logical Venn-diagrams correctly illustrate this situation  
(A)  (B)  (C)  (D) None of these

**Sol. (A)**

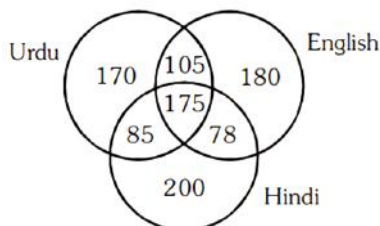
35. Which of the given Venn-diagram denotes correction between the given classes.  
Tiger, Animal, Elephant



**Sol. (C)**

**Direction (From Q.36 to 38)**

A result of a survey of 1000 persons with respect to their knowledge of Hindi. English and Urdu is given below:



36. What is the ratio of those who do not know any of the three languages to those who know the three languages.  
(A) 175/1000 (B) 7/550 (C) 1/25 (D) 1/27  
**Sol. (A)**

37. What is the ratio of those who know both Urdu and English to those who know only Hindi?  
(A) 5/7 (B) 7/5 (C) 21/40 (D) None of these  
**Sol. (B)**

$$\frac{280}{200} = \frac{7}{5}$$

38. Which language do most people know?  
(A) Hindi (B) Urdu (C) English (D) Hindi and English  
**Sol. (D)**

$$E \longrightarrow 180 + 105 + 175 + 78$$

$$U \longrightarrow 170 + 105 + 175 + 85$$

$$H \longrightarrow 200 + 85 + 175 + 78$$

39. What is unit digit in  $\{(264)^{102} + (264)^{103}\}$

- (A) 1 (B) 6 (C) 0 (D) None of these

**Sol. (C)**

$$4^{102} + 4^{103} = 6 + 4 = 10$$

40. 
$$\frac{(3\frac{2}{3})^2 - (2\frac{1}{2})^2}{(4\frac{3}{4})^2 - (3\frac{1}{3})^2} \div \frac{(3\frac{2}{3} - 2\frac{1}{2})}{(4\frac{3}{4} - 3\frac{1}{3})} =$$

- (A)  $\frac{37}{97}$  (B)  $\frac{74}{97}$  (C)  $\frac{54}{97}$  (D) None of these

**Sol. (B)**

$$\frac{\frac{121}{89} - \frac{25}{4}}{\frac{361}{16} - \frac{100}{9}} \div \frac{\frac{11}{3} - \frac{5}{2}}{\frac{19}{4} - \frac{10}{3}} = \frac{\frac{11}{3} + \frac{5}{2}}{\frac{19}{4} + \frac{10}{3}} = \frac{14}{97}$$

41. If '+' means 'x', 'x' means '-', '-' means '÷' and '÷' means '+' then

$$8 + 4 \times 9 - 3 \div 1 = ?$$

- (A) 30 (B) 41 (C) 9 (D) 32

**Sol. (A)**

$$8 + 4 \times 9 - 3 \div 1$$

$$8 \times 4 - 9 \div 3 + 1 = 30$$

42. If '\*' means '+', 'Δ' means 'x', '□' means '-' and '∇' means '÷' then

$$24 \nabla 8 \square 3 \Delta 9 * 24 =$$

- (A) 24 (B) 3 (C) 1 (D) 0

**Sol. (D)**

$$24 \nabla 8 \square 3 \Delta 9 * 24 = 0$$

43. I reached the station half an hour before the scheduled time of the train. The train arrived at the station at 6:20 O'clock, 1:30 hour delayed from its schedule time. When I reached the station?

- (A) 4:40 O'clock (B) 5:20 O'clock (C) 4:20 O'clock (D) None of these

**Sol. (C)**

44. In a house a new person enters at every one hour. And at every fourth hour a person leaves the house. If this process starts at 10 AM, then how many people will be there in the house at 10:30 PM?

- (A) 5 (B) 9 (C) 7 (D) None of these

**Sol. (D)**

45. In a row of 26 students A is 15<sup>th</sup> from the left while B is 15<sup>th</sup> from the right, then how many students are between B and A?

- (A) 3 (B) 2 (C) 1 (D) 0

**Sol. (B)**

A                      B                      12                      15  
26                      B                      A                      2 student

46. A, B, C, D, E are five rivers. A is smaller than B but longer than E. C is longest. D is smaller than B but longer than A. Which is the smallest river among them?

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

**Sol. (D)**

$E < A < D < B < C$

47. Arrange the following in a meaningful sequence of events.

1. Consultation
2. Illness
3. Doctor
4. Treatment
5. Recovery

(A) 2,3,1,4,5                      (B) 5,3,2,1,4                      (C) 1,2,3,4,5                      (D) None of these

**Sol. (A)**

2                      3                      1                      4                      5

48. Arrange the following in a meaningful sequence of events.

1. Face
2. Skull
3. Neck
4. Shoulder

(A) 1,2,3,4                      (B) 2,3,4,1                      (C) 2,1,3,4                      (D) 1,3,4,2

**Sol. (C)**

49. Raman's salary was decreased by 50% and subsequently increased by 50%. How much did he lose?

(A) 0%                      (B) 25%                      (C) 50%                      (D) None of these

**Sol. (B)**

100  $\longrightarrow$  50  $\longrightarrow$  75

50. After six years Akshay's age will be three seventh of his father's age. Ten years ago, the ratio of their ages was 1: 5. What is the present age of Akshay's father?

(A) 45 years                      (B) 48 years                      (C) 50 years                      (D) None of these

**Sol. (C)**

$$X + 6 = \frac{3}{7}(Y + 6) \quad \text{---1}$$

$$\frac{X - 10}{Y - 10} = \frac{1}{5} \longrightarrow 5X - 50 = Y - 10 \quad \text{----2}$$

$$Y = 50$$



**Direction (From Q.51 to 53) :** There are six members in a family who are placed in increasing order of their age. Difference of ages between two youngest members is 5 years. Difference in ages of fourth and fifth is 30 years. Difference of ages of last two members is 3 years. Ages of third and oldest members are 30 years and 68 years respectively. Difference of ages of first and fourth member is 32 years.

51. Difference in ages (in years) of second and fourth members is:  
(A) 27 (B) 32 (C) 5 (D) 30

**Ans. (A)**

52. Ages (in years) of youngest and fifth member are respectively:  
(A) 8,65 (B) 3,65 (C) 3,35 (D) 8,35

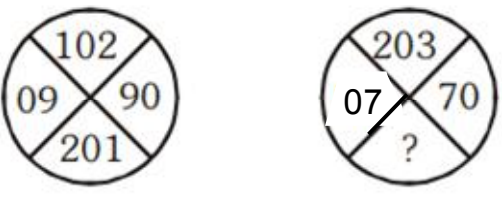
**Ans. (B)**

53. What is the difference between ages (in years) of oldest and youngest members?  
(A) 68 (B) 35 (C) 65 (D) 30

**Ans. (C)**

**Direction (From Q.54 to 58)**

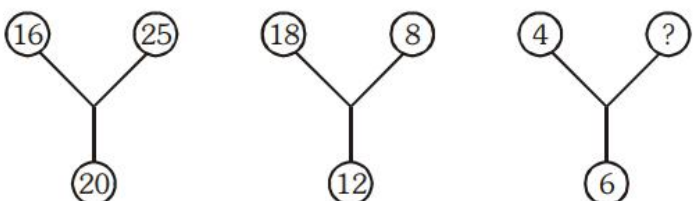
Choose the missing number (?) from the given alternatives.

54.   
(A) 280 (B) 303 (C) 362 (D) 382

**Sol. (A)**

$$102 + 09 + 90 = 201$$

$$203 + 07 + 70 = 280$$

55.   
(A) 8 (B) 9 (C) 12 (D) 21

**Sol. (B)**

$$16 \times 25 = 400 = 20^2$$

$$4 \times ? = 36 = 6^2 \quad (9)$$

56.

|    |     |   |
|----|-----|---|
| 5  | 9   | 7 |
| 4  | 5   | 3 |
| 1  | 6   | 8 |
| 40 | 100 | ? |

(A) 60

(B) 90

(C) 50

(D) 80

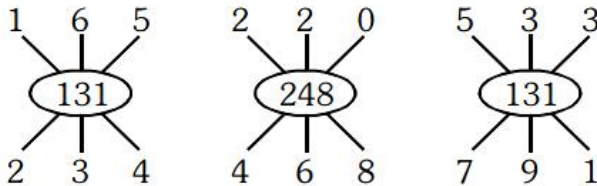
Sol.

(C)

$$5^2 + 4^2 - 1 = 40$$

$$7^2 + 3^2 - 8 = 50$$

57.



(A) 320

(B) 274

(C) 262

(D) 432

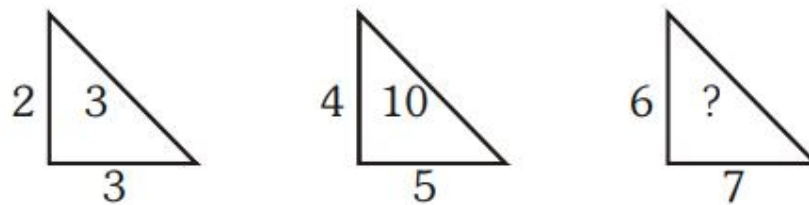
Sol.

(C)

$$1 \ 6 \ 5 \ 5 \ 3 \ 3$$

$$\begin{array}{r} 234 \\ 131 \\ \hline \end{array} \quad \begin{array}{r} 791 \\ 262 \\ \hline \end{array}$$

58.



(A) 21

(B) 22

(C) 24

(D) 32

Sol.

(A)

$$2 \times 3 = \frac{6}{2} = 3$$

$$4 \times 5 = \frac{20}{2} = 10$$

$$6 \times 7 = \frac{42}{2} = 21$$

**Direction (From Q.59 to 60)**

In each of the following question an Assertion (A) followed by a Reason (R) is given.

Choose the correct alternative from the following:

1. If both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true.

59. Assertion(A) : India is a sovereign country.

Reason(R) : Its Parliament is based in Delhi

- (A) 1 (B) 2 (C) 3 (D) 4

**Ans. (B)**

60. Assertion (A) : Very few countries can send their satellite on moon.

Reason(R) : Very few countries have money to send satellite

- (A) 1 (B) 2 (C) 3 (D) 4

**Ans. (C)**

**Direction (From Q.61 to 62)**

In each of the following question one statement and two arguments (I) and (II) are given. Choose the correct alternative from the following:

- (A) Only argument (I) is strong
- (B) Only argument (II) is strong
- (C) Neither argument (I) nor argument (II) is strong
- (D) Both the argument (I) and (II) are strong.

61. Statement : Should non-vegetarian food be totally banned in our country?

Arguments I. Yes, It is expensive and therefore it is beyond the means of most people in our country.  
II. No, Nothing should be banned in a democratic country like ours.

**Ans. (C)**

62. Statement : Should all the foreign banks be asked to close down their operation in India?

Arguments : (I) Yes This is the only way to make the Indian banks survive and prosper.  
(II) No, This will have an adverse effect on Indian economy.

**Ans. (D)**

**Direction (From Q.63 to 64)**

In each of the following question one statement and two conclusions (I) and (II) are given. Choose the correct alternative from the following:

- (A) Only conclusion (I) follow
- (B) Only conclusion (II) follow
- (C) Both the conclusion (I) and (II) follows
- (D) Neither conclusion (I) nor Conclusion (II) follows.

63. Statement: Morning walk is good for health.

**Conclusion:** (I) All healthy people go for morning walk.

(II) Evening walk is harmful

**Ans. (D)**

64. Statement: Separate schools are established for boys and girls.

**Conclusion : (I)** Girls are much talkative

**(II)** There are difference in studies of boys and girls

**Ans. (D)**

**Direction (From Q.65 to 66)**

In each of the following questions two statements (I) and (II) are given. There may be cause and effect relationship between the two statements. Read both the statements and mark your answer as

(A) If statement (I) is the cause and statement (II) is its effect.

(B) If statement (II) is the cause and statement (I) is its effect.

(C) If both statements (I) and (II) are independent causes.

(D) If both the statements (I) and (II) are effects of independent causes.

65. Statement: (I) It is the target of the civic committees of the city to reduce the air pollution 20% in the next two months.

**(II)** The number of asthma cases in the city is constantly increasing.

**Ans. (B)**

66. Statement: (I) In the months of summer many people left the city to go to their native place.

**(II)** Many tourists have conjoined the city in the months of summer.

**Ans. (C)**

**Direction (From Q.67 to 71)**

In each of the following questions one question and two statements (I) and (II) are given. You have to decide whether the data provided in the statement are sufficient to answer the questions.

Read both the statements and choose the correct alternative from the following:

(A) (I) alone is sufficient.

(B) (II) alone is sufficient.

(C) Both (I) and (II) together are sufficient but not alone

(D) (I) and (II) together are also insufficient.

67. Whether the student Sumit of class 12<sup>th</sup> is hero of his school?

Statement (I) Sumit's father donate much to the school

Statement (II) Sumit performs best in all programs of school including study.

**Ans. (B)**

68. The total of presents ages of A,B, C and D is 96 years. What is B's present age?

Statement (I) The average age of A,B and D is 20 years.

Statement (II) The average age of C and D is 25 years.

**Ans. (C)**

69. How many teachers are there in the two states C and M?

Statement: (I) C has 2000 less teachers than M

Statement: (II) M has double teachers of C.

**Ans. (C)**

70. What is the value of x when  $x.y=18$  ?

Statement: (I)  $x>y$  and y is an odd number.

Statement: (II) x and y are different from 1

**Ans. (C)**

71. R's birthday is on which day of the week?

Statement: (I) R celebrates his birthday after Monday but before Saturday.

Statement: (II) R's sister went for his birthday after Wednesday.

**Ans. (D)**

**Direction (From Q.72 to 73)**

In each of the following question a statement followed by two courses of action (I) and (II) are given. You have to assume everything in the statement is true. Then decide which of the suggested course of action logically follows.

Choose the alternative:

- (A) If only (I) follows
- (B) If only (II) follows
- (C) If both (I) and (II) follows
- (D) If neither (I) nor (II) follows.

72. Statement : Rain is continuously getting down  
Course of action: (I) Cutting tree should be stopped  
(II) Attention should be given on water conservation.

**Ans. (C)**

73. Statement: The officer in charge of a company suspected that some money was missing from the vault.  
Course of action: (I) He should get it recounted with the help of staff and check it with the balance sheet.  
(II) He should inform the police.

**Ans. (A)**

**Direction (From Q.74 to 75)**

In each of the following questions one statement and two assumptions (I) and (II) are given. Decide which of the assumptions is implicit in the statement.

Give answer:

- (A) If only assumption (I) is implicit
- (B) If only assumption (II) is implicit
- (C) If either (I) or (II) is implicit
- (D) If neither (I) nor (II) is implicit.

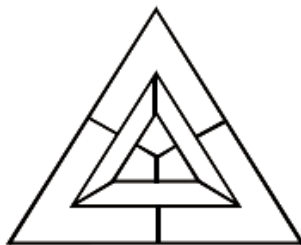
74. Statement: "If you break discipline of the school. You will be expelled from the school"- a teacher told to a student.  
Assumptions: (I) All students do not like discipline.  
(II) Examination result of the school will be better.

**Ans. (D)**

75. Statement: It is faster to travel by air from Delhi to Bangalore.  
Assumption: (I) Bangalore and Delhi is connected by air.  
(II) There are no other means of transport available from Delhi to Bangalore.

**Ans. (A)**

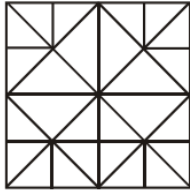
76. A minimum of how many colours will be required to colour the given figure, so that no two adjoining portions in the given figure may have the same colour.



- (A) 2 (B) 9 (C) 3 (D) 4

**Ans. (C)**

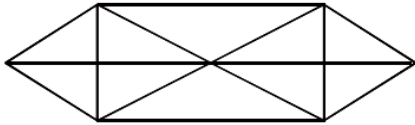
77. Find the number of squares in the given figure:



- (A) 9 (B) 16 (C) 8 (D) None of these

Ans. (B)

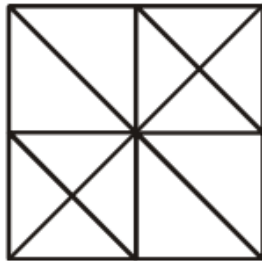
78. How many triangles are there in the following figure?



- (A) 21 (B) 22 (C) 19 (D) None of these

Ans. (B)

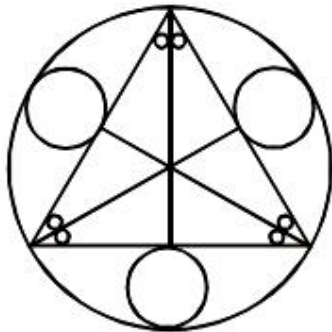
79. Find the minimum number of straight lines required to make the given figure-



- (A) 10 (B) 12 (C) 8 (D) None of these

Ans. (A)

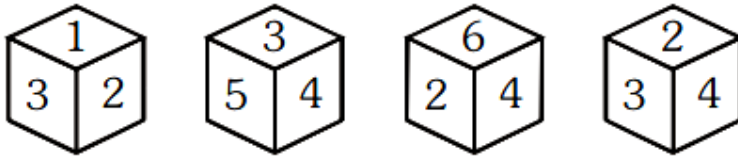
80. How many circles are there inside the triangle in the following figure?



- (A) 9 (B) 6 (C) 10 (D) None of these

Ans. (B)

81. A dice is thrown four times and its four different positions are given below. Find the number on the face opposite to 2.



- (A) 3 (B) 4 (C) 5 (D) 6

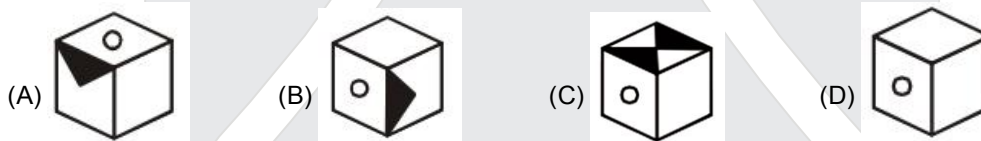
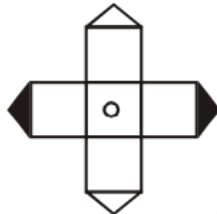
Ans. (C)

82. A dice is numbered 1 to 6 in such a way that 1 is adjacent to 2, 4 and 6. Then which of the following statement is necessarily true?

- (A) 3 is opposite to 5 (B) 2 is opposite to 6  
(C) 1 is adjacent to 3 (D) 3 is adjacent to 5

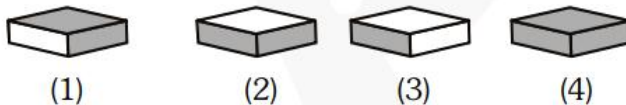
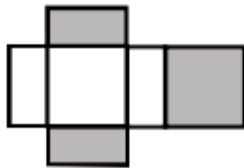
Ans. (D)

83. The sheet of paper shown in the following figure is folded to form a box. Choose the alternative that is similar to the box that will be formed-



Ans. (D)

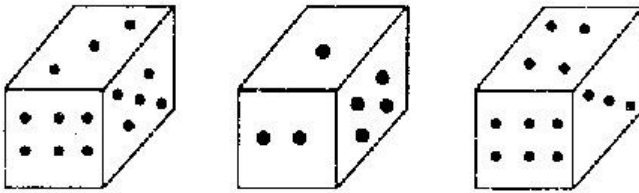
84. The sheet of paper shown in the following figure is folded to form a box. Choose the alternative that is similar to the box that will be formed?



- (A) (I) and (III) only (B) (II) and (III) only  
(C) (II) and (IV) only (D) (I) and (IV) only

Ans. (A)

85. Three positions of a dice are shown below. How many dots are contained on the face opposite to that containing four dots?

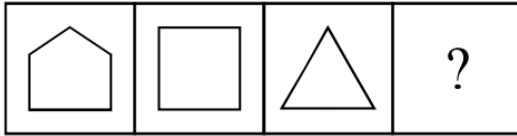


- (A) 2 (B) 3 (C) 5 (D) 1

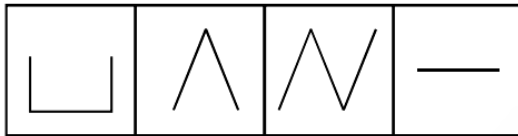
Ans.

(C)

86. Choose the correct alternative in place of question mark (?). Which will continue the series.



Answer figures :



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

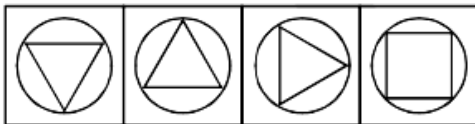
Ans.

(B)

87. Choose the correct alternative in place of question mark (?). Which will continue the series.



Answer figures :

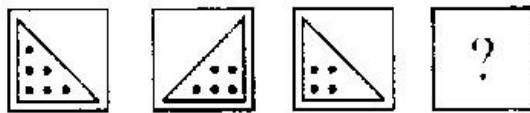


- (A) (B) (C) (D)

Ans.

(A)

88. Choose the correct alternative in place of question mark (?). Which will continue the series.



- (A) (B) (C)

(D) None of these

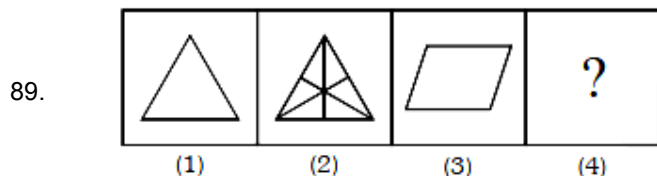
Ans.

(A)

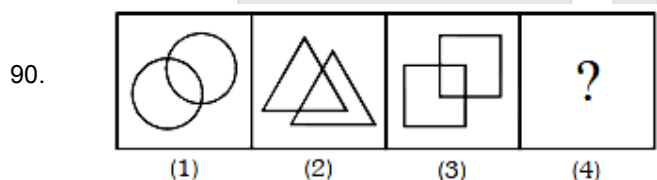


**Direction (From Q.89 to 90)**

In the following questions, figures (I) and (II) are related in a particular manner. Establish the same relationship between figures (3) and (4) by choosing a figure from among the alternatives. Which would replace question mark in figure (4)



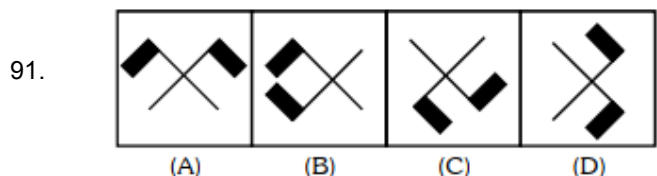
**Ans. (C)**



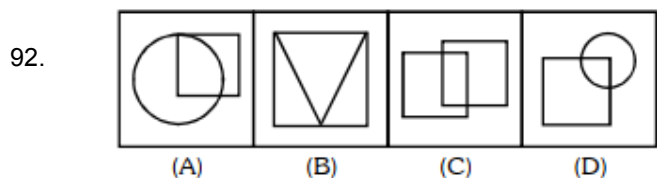
**Ans. (C)**

**Direction (From Q.91 to 92)**

In the following questions out of the four figures marked as (A), (B), (C) and (D). There are similar in a certain manner but one is different from other. Choose the figure which is different from others



**Ans. (B)**



**Ans. (C)**

93. Choose the alternative which is most closely resembles the mirror image of the given combination:  
A B 6 C G 9 3

(A) 3 9 G C 6 B A

(B) 3 9 G C 6 B A

(C) A B 6 C G 9 3

(D) 3 9 G C 6 B A

**Ans. (A)**

94. Choose the alternative which is most closely resembles the mirror image of the given combination:

DHYAN78

- (A) DHYAN78 (B) 87NAYHD  
(C) DHYAN78 (D) 87NAYHD

Ans. (B)

95. Choose the alternative which is most closely resembles the water image of the given combination:

PQ8AF5BZ9

- (A) 9ZB5FV80P  
(B) 908V72BΣθ  
(C) 908V7F2BΣθ  
(D) None of these

Ans. (B)

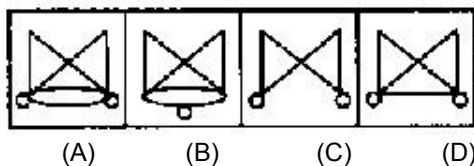
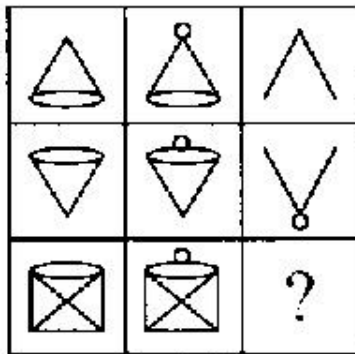
96. Choose the alternative which is most closely resembles the water image of the given combination:

63AMAN48

- (A) 84NAM A36 (B) 84NAM A36  
(C) 84NAM A36 (D) 84NAM A36

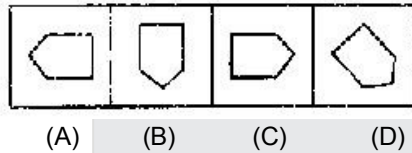
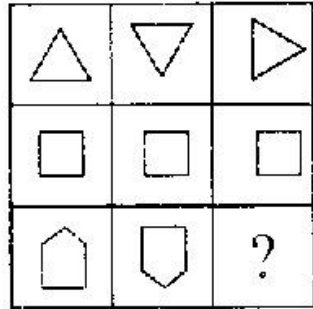
Ans. (C)

97. Select a suitable figure from the given alternatives that would complete figure matrix:



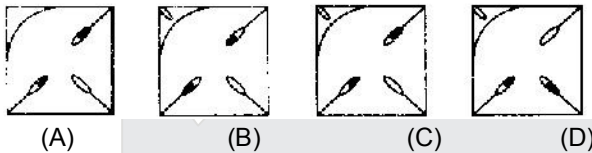
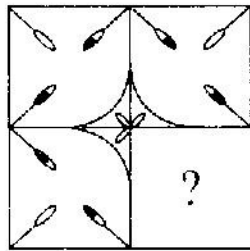
Ans. (D)

98. Select a suitable figure from the given alternatives that would complete figure matrix:



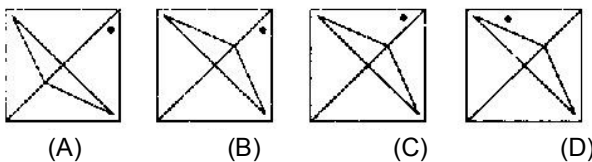
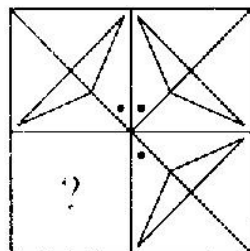
Ans. (C)

99. Select a figure in place of (?) from amongst the given alternatives which would complete the pattern of the question figure



Ans. (C)

100. Select a figure in place of (?) from amongst the given alternatives which would complete the pattern of the question figure



Ans. (B)