

# NTSE

NTSE Stage – II  
Mock Test – MAT



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**Direction (Q.1 to 5):** In each of the following questions, a number/alphabet/alpha-numeric series is given with one term missing. Choose the alternative that will continue the same pattern and replace the question mark in the given series.

- 589654237, 89654237, 8965423, 965423?  
(a) 58965 (b) 65423 (c) 89654 (d) 96542
- W-144, ?, S – 100, Q – 81, O – 64  
(a) U–121 (b) U–122 (c) V–121 (d) V–128
- 2A11, 4D13, 12G17, ?  
(a) 36I19 (b) 36J21 (c) 48J21 (d) 48J23
- ajs, gpy, ?, sbk, yhq  
(a) dmv7 (b) mve (c) oua (d) qzi
- 3 F, 6 G, 11 I, 18 L, ?  
(a) 21 O (b) 27 O (c) 25 P (d) 27 P

**Direction (Q.6 to 10):** In each of the following questions, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented from 0 to 4 and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and then the column number e.g., in the matrices for questions 1 to 5, Scan be represented by 14, 21, etc.; E can be represented by 20, 32, etc. Similarly you have to identify the correct set for the word given in each question.

Matrix I

	0	1	2	3	4
0	A	E	S	T	H
1	T	H	A	E	S
2	E	S	T	H	A
3	H	A	E	S	T
4	S	T	H	A	E

Matrix II

	5	6	7	8	9
5	P	O	R	K	L
6	K	L	P	O	R
7	O	R	K	L	P
8	L	P	O	R	K
9	R	K	L	P	O

- EAST  
(a) 44, 32, 21, 03 (b) 32, 31, 02, 04 (c) 20, 43, 33, 11 (d) 13, 12, 14, 10
- ROSE  
(a) 95, 75, 02, 32 (b) 88, 76, 31, 32 (c) 86, 67, 33, 44 (d) 57, 87, 32, 33

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8. SOLE  
(a) 41, 57, 87, 31      (b) 33, 99, 66, 44      (c) 21, 75, 44, 02      (d) 02, 78, 87, 13
9. LAKE  
(a) 97, 00, 77, 12      (b) 66, 12, 58, 40      (c) 85, 31, 77, 44      (d) 77, 43, 76, 31
10. LEST  
(a) 97, 32, 21, 34      (b) 87, 32, 21, 31      (c) 85, 02, 04, 22      (d) 66, 00, 20, 34

**Direction (Q.11 to 14):** In a defense message, GET, AWAY, FIRE, BACK, WARDS, MOVE, SLOW is coded as BEN, CDCI, QHOE, PCTL, DCOXU, ZMWE, VFMD respectively.

Based on this coding scheme, spot the codes for the following words:

11. OVER  
(a) MWED      (b) MWEO      (c) MWOE      (d) MWZO
12. DEADLY  
(a) XECXEI      (b) XEEXCI      (c) XECXFI      (d) XENXFI
13. REWARD  
(a) OEDCOU      (b) OEDCOX      (c) OEDNXE      (d) OTDCOX
14. GREAT  
(a) BOECN      (b) BOENC      (c) BOEHC      (d) BOEQN
15. What day of the week was 20<sup>th</sup> June 1837?  
(a) Thursday      (b) Sunday      (c) Tuesday      (d) Saturday
16. Today is 3<sup>rd</sup> November. The day of the week is Monday. This is a leap year. What will be the day of the week on this date after 3 years?  
(a) Tuesday      (b) Saturday      (c) Thursday      (d) Sunday
17. December 9, 2001 is Sunday. What was the day on December 9, 1971?  
(a) Thursday      (b) Wednesday      (c) Saturday      (d) Sunday
18. At what time between 5 and 6 O' clock, will the hands of a clock be at an angle of  $62^\circ$  ?  
(a) 5 hours 17  $\frac{2}{11}$  minutes      (b) 5 hours 38  $\frac{6}{11}$  minutes  
(c) 5 hours 16 minutes      (d) both (b) and (c)
19. An accurate clock indicates 8 O' clock in the morning. Through how many degrees the hour hand turns when the clock indicates 3 O' clock in the afternoon?  
(a)  $210^\circ$       (b)  $200^\circ$       (c)  $190^\circ$       (d)  $185^\circ$
20. A boy observes the reflection of a wall clock in a mirror. The time observed by the boy in the mirror is 4 hour 20 minutes. What is the actual time shown on the clock?  
(a) 7 hours 15 minutes      (b) 7 hours 50 minutes      (c) 7 hours 40 minutes      (d) 7 hours 35 minutes

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*M. Pareek*

An  
**NTSE Scholar**  
IIT-JEE (Adv.) AIR-3  
Mukesh Pareek

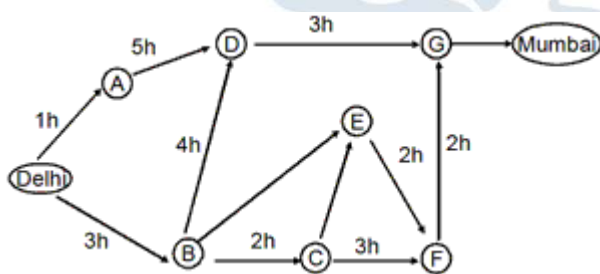


**Direction (Q.21 to 25):** Study the following information carefully and answer the questions given below. Seven colleagues A, H, J, S, V, D and R work in four different departments of an organization i.e. Marketing, Finance, HR and IT. Not more than two work in any department of an organization i.e., different coloured shirt, which is White, Blue, Cream, Peach, Black, Yellow and Pink, not necessarily in that order. A works with J in the Marketing department and is not wearing White coloured shirt, V is wearing Yellow coloured shirt and does not work in the Finance Department. H works with S in the same department and is wearing black shirt. Only D works in the HR department. R is in the same department as V. None in the marketing or IT department is wearing Cream shirt. J is wearing Peach shirt. The one who is wearing the Pink shirt is working in the Finance department.

21. Who is wearing Cream shirt?  
(a) R (b) A (c) S (d) D
22. What coloured shirt is S wearing?  
(a) Black (b) White (c) Cream (d) None of these
23. In which department is R working?  
(a) IT (b) Marketing (c) Finance (d) HR
24. What coloured shirt is R wearing?  
(a) Cream (b) White (c) Blue (d) Data inadequate
25. Who work in the Finance department?  
(a) V, R (b) A, H (c) S, H (d) Data inadequate

**Direction (Q.26 to 30):** Answer the questions based on the following information.

Given below is a network diagram of a travel network from Delhi to Mumbai. The arrows indicate the direction of the routes from one station to the other. Time taken in hours to cover the distance between two stations is written over the arrow.



26. Which is the shortest route one can take to travel from Delhi to Mumbai?  
(a) Delhi BDG Mumbai  
(b) Delhi BEFG Mumbai  
(c) Delhi BCFG Mumbai.  
(d) Delhi ADG Mumbai

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27. If a critical route is defined as the route which takes the longest time. then the critical route between Delhi and Mumbai is.  
(a) Delhi ADG Mumbai (b) Delhi BEFG Mumbai  
(c) Delhi BCFG Mumbai (d) None of these
28. If Mahesh starts from Delhi at 9.00 am in the morning for Mumbai and if, his activities enroute are as follows?  
(A) He spends 30 min at B for lunch  
(B) At C, he takes 45 min for shopping.  
(C) At E, he takes a tea break for 15 min  
(D) His car breaks down at G and it takes about an hour to repair  
Find that at what time he will reach 'Mumbai' ?  
(a) Mid-night (b) 11 pm (c) 1:30 am (d) None of these
29. How many routes are there to travel from 'Delhi' to 'Mumbai' ?  
(a) 2 (b) 4 (c) 1 (d) None of these
30. A person travels to 'Mumbai' via Delhi, B, C, E, F and G and returns via G, D, A and back to Delhi. How many hours has he travelled?  
(a) 29h (b) 31h (c) 28h (d) 32 h

**Direction (Q31. to 34):** In a survey of children who saw three different shows at Walt Disney World, the following information was gathered.

- 39 children liked The Little Mermaid
- 43 children liked 101 Dalmatians
- 56 children liked Mickey Mouse
- 7 children liked The Little Mermaid and 101 Dalmatians
- 10 children liked The Little Mermaid and Mickey Mouse
- 16 children liked 101 Dalmatians and Mickey Mouse
- 4 children liked The Little Mermaid, 101 Dalmatians, and Mickey Mouse
- 6 children did not like any of the shows

31. How many liked Mickey Mouse only?  
(a) 26 (b) 24 (c) 34 (d) 30
32. How many liked 101 Dalmatians only?  
(a) 26 (b) 24 (c) 34 (d) 30
33. How many liked The Little Mermaid only?  
(a) 26 (b) 24 (c) 34 (d) 30
34. How many students were surveyed?  
(a) 115 (b) 120 (c) 110 (d) 135

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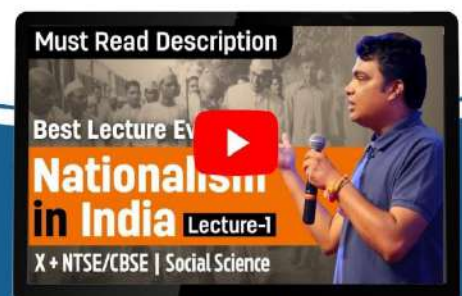
**Directions (Q35. to 38):** In each question below are given statements followed by three of four conclusion. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusion logically follows from the given statements, disregarding commonly known facts.

- 35. Statement:** I. Some doors are walls  
II. All walls are floors  
III. All floors are rooms  
IV. Some rooms are windows  
**Conclusion:** I. All walls are rooms  
II. Some rooms are doors  
III. Some rooms are walls  
IV. Some floors are doors  
(a) None follow (b) Only I and III follow  
(c) Only II and III follows (d) All follow
- 36. Statement:** I. All belts are rollers  
II. Some rollers are wheels  
III. All wheels are mats  
IV. Some mats are cars  
**Conclusion:** I. Some mats are rollers  
II. Some mats are belts  
III. Some cars are rollers  
IV. Some rollers are belts  
(a) Only I and II follows (b) Only I, III and IV follows  
(c) Only I and IV follows (d) None of these
- 37. Statement:** I. Some plates are knives  
II. All knives are chains  
III. Some chains are wheels  
IV. All wheels are poles  
**Conclusion:** I. Some poles are chains  
II. Some wheels are knives.  
III. Some chains are plates  
(a) Only I and III follows (b) Only I and II follows  
(c) All follows (d) Only III follow
- 38. Statement:** I. Some doors are open.  
II. No window is open.  
**Conclusion:** I. Some doors are close.  
II. All windows are close.  
III. Some doors are windows.  
IV. All doors are windows.  
(a) Only III follows (b) I and II follows (c) All follows (d) None follows

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39. A family has a man, his wife, their four sons and their wives. The family of every son also has 3 sons and one daughter. Find out the total number of male members in the whole family?  
(a) 4 (b) 8 (c) 72 (d) 17
40. If 'A \$ B' means 'A is brother of B', 'A @ B' means 'A is wife of B', 'A # B' means 'A is daughter of B' and 'A ∈ B' means 'A is father of B', then which of the following expressions indicate the relationship 'K is father-in-law of H'?  
(a) H @ J \$ L # P ∈ K (b) H @ J \$ P ∈ L # K  
(c) H @ J \$ L # K ∈ P (d) Cannot be determined
41. If 'P + Q' means 'P is the father of Q', 'P × Q' means 'P is the brother of Q', 'P - Q' means 'P is the mother of Q', then which of the following is definitely true about C - A + B?  
(a) B is the son of A (b) A is the son of C  
(c) B is the father of A (d) C is the mother of B
42. If 'P # Q' means 'P is the father of Q', 'P + Q' means 'P is the mother of Q'; 'P - Q' means 'P is the brother of Q'; 'P \* Q' means 'P is the sister of Q' then which of the following shows that A is the aunt of E?  
(a) A + B - C \* D # E (b) A # B \* C + D - E  
(c) A \* B # C \* D - E (d) A - B + C # D \* E
43. A, B, C, D, E, F and G are members of a family consisting of four adults and three children, two of whom, F and G are girls. A & D are brothers and A is a doctor. E is an engineer married to one of the brothers and has two children. B is married to D and G is their child. Who is C?  
(a) A's son (b) E's daughter (c) F's father (d) G's brother
44. P is the son of Q while Q and R are sisters to one another. T is the mother of R. If S is the son of T, which of the following statements is correct?  
(a) T is the brother of Q (b) S is the cousin of P  
(c) Q and S are sisters (d) S is the maternal uncle of P
45. 'P - Q' means 'P is the mother of Q', 'P × Q' means 'P is the father of Q' and 'P + Q' means 'P is the daughter of Q'. Now if M - N × T + Z, then which of the following is not true?  
(a) T is N's daughter (b) N is wife of Z  
(c) M is mother-in-law of Z (d) T is granddaughter of M
46. Examine the following relationships among members of a family of six persons - A, B, C, D, E and F.  
(A) The number of males equal that of females.  
(B) A and E are sons of F  
(C) D is the mother of two, one boy and one girls  
(D) B is the son of A  
(E) There is one married couple in the family present  
Which of the following inferences can be drawn from the above?  
(a) A, B and C are females (b) A is the husband of D  
(c) D is the granddaughter of F (d) E and F are children of D

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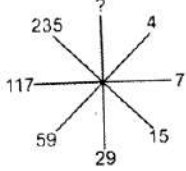
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**Direction (Q47 to 51): Find the missing character.**

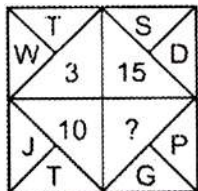
**47. Find the missing character.**



- (a) 327                      (b) 386                      (c) 438                      (d) 469

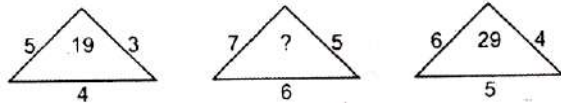
**48.** If 15 men can reap the crops of a field in 28 days, in how many days will 5 men reap it?  
 (a) 50 days                      (b) 60 days                      (c) 84 days                      (d) 9.333 days

**49.**



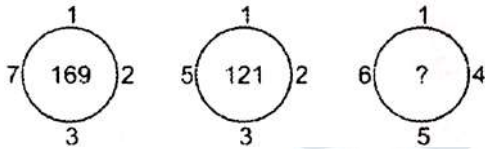
- (a) 5                              (b) 9                              (c) 11                              (d) 13

**50.**



- (a) 25                              (b) 37                              (c) 41                              (d) 47

**51.**



- (a) 196                              (b) 246                              (c) 250                              (d) 256

**52.** If you write down all the numbers from 1 to 100, then how many times do you write 3?  
 (a) 11                              (b) 18                              (c) 20                              (d) 21

**53.** If a clock takes seven seconds to strike seven, how long will it take to strike ten?  
 (a) 7 seconds                      (b) 9 seconds                      (c) 10 seconds                      (d) None of these

**54.** A father tells his son, "I was of you present age when you were born". If the father is 36 now, how old was the boy five years back?  
 (a) 13                              (b) 15                              (c) 17                              (d) 20

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55. Find the number which when added to itself 13 times, gives 112.  
(a) 7 (b) 8 (c) 9 (d) 11
56. A total of 324 coins of 20 paise and 25 paise make a sum of Rs. 71. The number of 25-paise coins is  
(a) 120 (b) 124 (c) 144 (d) 200
57. Mac has \$ 3 more than Ken, but then Ken wins on the horses and trebles his money, so that he now has \$ 2 more than the original amount of money that the two boys had between them. How much money did Mac and Ken have between them before Ken's win?  
(a) \$9 (b) \$11 (c) \$13 (d) \$15
58. In a class, there are 18 boys who are over 160 cm tall. If these constitute three-fourths of the boys and the total number of boys is two-thirds of the total number of students in the class, what is the number of girls in the class?  
(a) 6 (b) 12 (c) 18 (d) 24
59. A bus starts from city X. The number of women in the bus is half of the number of men. In city Y, 10 men leave the bus and five women enter. Now, number of men and women is equal. In the beginning, how many passengers entered the bus?  
(a) 15 (b) 30 (c) 36 (d) 45
60. A, B, C, D and E play a game of cards. A says to B, "If you give me 3 cards, you will have as many as I have at this moment while if D takes 5 cards from you, he will have as many as E has." A and C together have twice as many cards as E has. B and D together also have the same number of cards as A and C taken together. If together they have 150, how many cards has C got?  
(a) 28 (b) 29 (c) 31 (d) 35
61. David gets on the elevator at the 11<sup>th</sup> floor of a building and rides up at the rate of 57 floors per minute. At the same time, Albert gets on an elevator at the 51<sup>st</sup> floor of the same building and rides down at the rate of 63 floors per minute. If they continue travelling at these rates, then at which floor will their paths cross?  
(a) 19 (b) 28 (c) 30 (d) 37

**Direction (Q.62 to 66):** In each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give answer

- (A) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- (B) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- (C) If the data either in statement I alone or in statement II alone are sufficient to answer the question
- (D) If the data given in both statements I and II together are not sufficient to answer the question and
- (E) If the data in both statements I and II together are necessary to answer the question.

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62. What is the code for 'sky' in the code language?

**Statements:**

- I. In the code language, 'sky is clear' is written as 'de ra fa'.
  - II. In the same code language, 'make it clear' is written as 'de ga jo'.
- A. I alone is sufficient while II alone is not sufficient
  - B. II alone is sufficient while I alone is not sufficient
  - C. Either I or II is sufficient
  - D. Neither I nor II is sufficient

63. How many children are there between P and Q in a row of children ?

**Statements:**

- I. P is fifteenth from the left in the row.
  - II. Q is exactly in the middle and there are ten children towards his right.
- A. I alone is sufficient while II alone is not sufficient
  - B. II alone is sufficient while I alone is not sufficient
  - C. Either I or II is sufficient
  - D. Neither I nor II is sufficient

64. How is T related to K?

**Statements:**

- I. R's sister J has married T's brother L, who is the only son of his parents.
  - II. K is the only daughter of L and J.
- A. I alone is sufficient while II alone is not sufficient
  - B. II alone is sufficient while I alone is not sufficient
  - C. Either I or II is sufficient
  - D. Neither I nor II is sufficient

65. Question: Who is to the immediate right of P among five persons P, Q, R, S and T facing North ?

**Statements:**

- I. R is third to the left of Q and P is second to the right of R.
  - II. Q is to the immediate left of T who is second to the right of P.
- A. I alone is sufficient while II alone is not sufficient
  - B. II alone is sufficient while I alone is not sufficient
  - C. Either I or II is sufficient
  - D. Neither I nor II is sufficient

66. On which date of the month was Anjali born in February 2004 ?

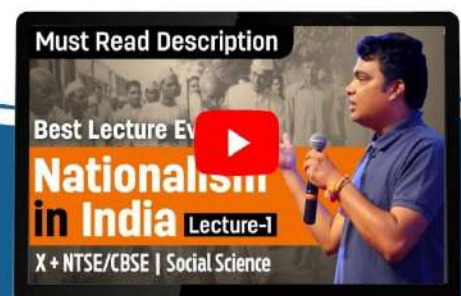
**Statements:**

- I. Anjali was born on an even date of the month.
  - II. Anjali's birth date was a prime number.
- A. I alone is sufficient while II alone is not sufficient
  - B. II alone is sufficient while I alone is not sufficient
  - C. Either I or II is sufficient
  - D. Neither I nor II is sufficient

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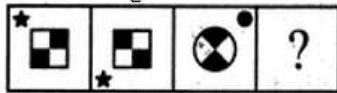
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**Direction (Q.67 to 70):** The second figure in the first unit of the problem figures bears a certain relationship to the first figure. Similarly, one of the figures in the answer figures bears the same relationship to the first figure in the second unit of the problem figures. You are therefore to locate the figure which would replace the question mark.

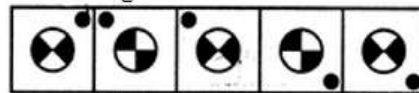
67.

Problem Figures:



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

Answer Figures:



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

68.

Problem Figures:



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

Answer Figures:



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

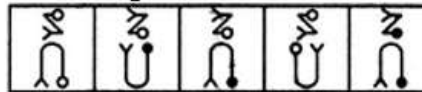
69.

Problem Figures:



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

Answer Figures:



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

70.

Problem Figures:



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

Answer Figures:



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

**Direction (71-75):** Study the following information carefully to answer the questions.

Eleven person lives in eleven floor building. U lives fourth floor from the bottom. Two person lives between U and Z. V lives two floor above U. Four person lives between V and T. X lives below V. Six person lives between X and Q. R lives just below X but not on bottom most floors. Number of person lives between Q and P is as same as number of person lives between U and P. P live above U. S doesn't live adjacent to Q. Y and W are not adjacent to each other. U is not adjacent to W.

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71. Who lives in third floor when counted from the bottom?  
(a) Q (b) Z (c) X (d) P
72. How many person lives between U and P?  
(a) Two (b) None (c) One (d) Three
73. Which of the following statement is correct?  
(a) S lives just below P  
(b) Q and V lives in odd numbered floor when counted from the bottom  
(c) T lives in the bottom most floor  
(d) Y and U are adjacent to each other
74. Who among the following lives just above U?  
(a) The one who lives in fifth floor from the bottom  
(b) The one who lives just below V  
(c) Q  
(d) Both (A) and (B)
75. If Q is related to S, W is related to P, V is related to U, in the same way X is related to which of the following person?  
(a) Y (b) P (c) R (d) Z

**Direction: (76–80)**

Each of the following questions consists of statements followed by two conclusions. Read the given statements carefully and identify which of the conclusions directly follow.

76. **Statements:**

Sheila is an MBA.

Some MBAs specialize in Information Systems Management.

**Conclusions:**

I. Sheila specialized in Information Systems Management.

II. Not all MBAs specialize in Information System Management.

- (a) if only conclusion I follows (b) if only conclusion II follows  
(c) if both conclusions I and II follow (d) if neither conclusion I nor II follows

77. **Statements:**

Asphalt is very hard.

Oil is of the same density as asphalt.

**Conclusions:**

I. Oil is very hard.

II. The density of asphalt and oil can be measured.

- (a) if only conclusion I follows  
(b) if only conclusion II follows  
(c) if both conclusions I and II follow  
(d) if neither conclusion I nor II follows

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- 78. Statements:**  
Murder is a moral offence.  
You have committed a moral offence.  
**Conclusions:**  
I. You are a murderer.  
II. Murderers are immoral.
- (a) if only conclusion I follows (b) if only conclusion II follows  
(c) if both conclusions I and II follow (d) if neither conclusion I nor II follows
- 79. Statements:**  
Earth is a part of our solar system.  
Our solar system is part of the milky way galaxy.  
**Conclusions:**  
I. Earth is part of the milky way galaxy.  
II. Milky way galaxy is in the solar system.
- (a) if only conclusion I follows (b) if only conclusion II follows  
(c) if both conclusions I and II follow (d) if neither conclusion I nor II follows
- 80. Statements:**  
Watching cricket is one of the major recreational activities in India.  
He has gone for recreation.  
**Conclusions:**  
I. He has gone to watch cricket.  
II. Cricket is sometimes played for pleasure in India
- (a) if only conclusion I follows (b) if only conclusion II follows  
(c) if both conclusions I and II follow (d) if neither conclusion I nor II follows
- 81.** P, Q, R and S are playing a game of carrom. P, R and S, Q are partners. S is to the right of R who is facing West.  
Then, Q is facing
- (a) South (b) East (c) West (d) North
- 82.** Select a suitable figure from the four alternatives that would complete the figure matrix.
- |  |  |   |
|--|--|---|
|  |  |   |
|  |  |   |
|  |  | ? |
- |  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|
- (1) (2) (3) (4)
- (a) 1 (b) 2 (c) 3 (d) 4

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83. Find the number of triangles in the given figure.



- (a) 22 (b) 24 (c) 26 (d) 28

84. From a container, 6 litres milk was drawn out and was replaced by water. Again 6 litres of mixture was drawn out & was replaced by the water. Thus the quantity of milk and water in container after these two operation is 9 : 16. The quantity of mixture is:

- (a) 15 (b) 16 (c) 25 (d) 31

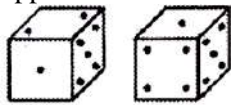
85. In what ratio should water and wine be mixed so that after selling the mixture at the price a profit of 33.33% is made?

- (a) 1 : 4 (b) 1 : 3 (c) 2 : 3 (d) 2 : 4

86. A player holds 13 cards of four suits, of which seven are black and six are red. There are twice as many diamonds as spades and twice as many hearts as diamonds. How many clubs does he hold?

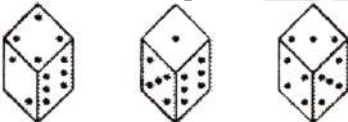
- (a) 4 (b) 5 (c) 6 (d) 7

87. Observe the does on a dice (one to six dots) in the following figures. How many dots are contained on the face opposite to that containing four dots?



- (i) (ii)  
(a) 2 (b) 3 (c) 6 (d) Cannot be determined

88. Three different positions of a dice are shown below. How many dots lie opposite 2 dots?



- (i) (ii) (iii)  
(a) 1 (b) 3 (c) 5 (d) 6

89. The six faces of a dice have been marked with alphabets A, B, C, D, E and F respectively. This dice is rolled down three times. The three positions are shown as:



- (i) (ii) (iii)  
Find the alphabet opposite (A)  
(a) C (b) D (c) E (d) F

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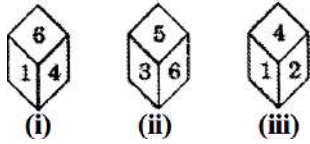
*I still wonder how one man has such a deep understanding of an examination. It becomes the truth what ever N/A says about NTSE.*

*M. Pareek*

An  
**NTSE Scholar**  
IIT-JEE (Adv.) AIR-3  
Mukesh Pareek

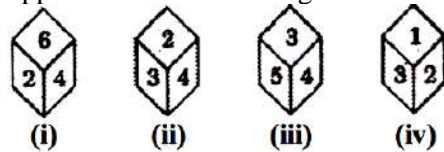


90. Three positions of a dice are given. Based on them find out which number is found opposite the number 2 in the given dice.



- (a) 6 (b) 5 (c) 3 (d) 1

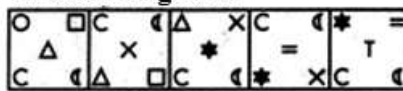
91. A dice is thrown four times and its four different positions are shown below. Find the number on the face opposite the face showing 2.



- (a) 3 (b) 4 (c) 5 (d) 6

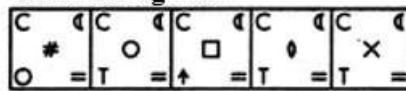
92. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

**Problem Figures:**



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

**Answer Figures:**



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

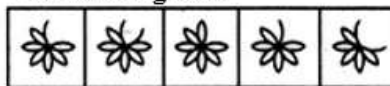
93. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

**Problem Figures:**



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

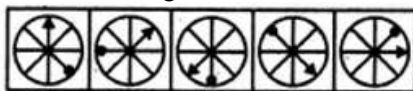
**Answer Figures:**



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

94. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4

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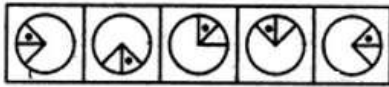
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95. Choose the figure which is different from the rest.



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

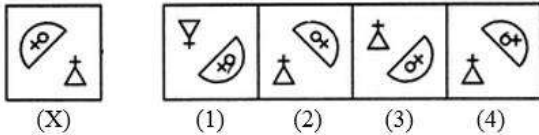
96. Choose the alternative which is closely resembles the mirror image of the given combination.

1965 INDOPAK

- (1) KAPODI 5961 (2) KAPODI 5961  
(3) KAPODI 5961 (4) KAPODI 5961

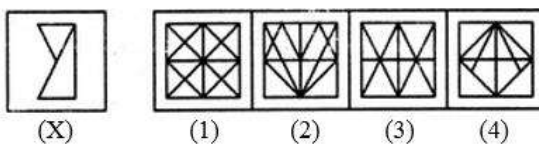
- (a) 1 (b) 2 (c) 3 (d) 4

97. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



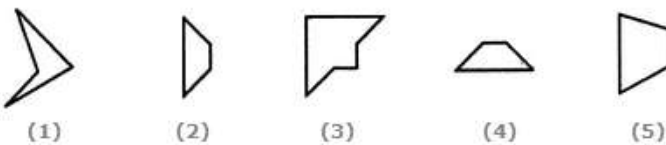
- (a) 1 (b) 2 (c) 3 (d) 4

98. Find out the alternative figure which contains figure (X) as its part.



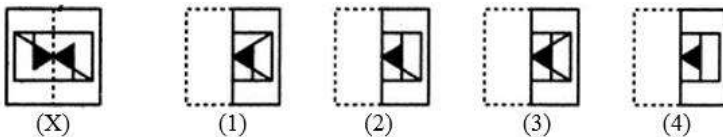
- (a) 1 (b) 2 (c) 3 (d) 4

99. Select the alternative which represents three out of the five alternative figures which when fitted into each other would form a complete square.



- (a) 134 (b) 345 (c) 234 (d) 135

100. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



- (a) 1 (b) 2 (c) 3 (d) 4

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## ANSWER KEY STAGE – II (MAT)

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
d	a	d	b	d	d	a	b	c	a
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
b	c	b	a	c	c	a	c	a	c
21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
d	d	a	b	c	d	b	d	d	a
31.	32.	33.	34.	35.	36.	37.	38.	39.	40.
c	b	a	a	d	c	a	b	d	c
41.	42.	43.	44.	45.	46.	47.	48.	49.	50.
b	c	a	d	b	b	d	c	b	c
51.	52.	53.	54.	55.	56.	57.	58.	59.	60.
d	c	d	a	b	b	c	b	d	a
61.	62.	63.	64.	65.	66.	67.	68.	69.	70.
c	d	d	d	c	d	c	a	c	d
71.	72.	73.	74.	75.	76.	77.	78.	79.	80.
c	a	d	d	d	d	b	d	a	d
81.	82.	83.	84.	85.	86.	87.	88.	89.	90.
d	b	d	a	b	c	a	b	c	a
91.	92.	93.	94.	95.	96.	97.	98.	99.	100.
c	d	a	d	a	d	b	c	c	c

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