

புதுச்சேரி அரசு  
பள்ளிக் கல்வி இயக்ககம்

புதுச்சேரி : 08.03.2026

செய்திக்குறிப்பு

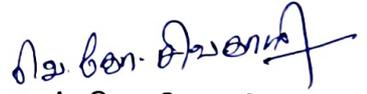
புதுதில்லியில் உள்ள மத்திய கல்வி அமைச்சகத்தின் வழிகாட்டுதலின் கீழ் 2025-26 ஆம் கல்வி ஆண்டிற்கான தேசிய வருவாய் வழி மற்றும் படிப்பு உதவித்தொகைத் தேர்வு (NATIONAL MEANS CUM MERIT SCHOLARSHIP SCHEME - NMMSS EXAMINATION-2025-26) தற்போது எட்டாம் வகுப்பில் அரசு மற்றும் அரசு உதவி பெறும் பள்ளிகளில் பயிலும் மாணாக்கர்களுக்கு இன்று (08.03.2026) (ஞாயிற்றுக்கிழமை) புதுச்சேரி யூனியன் பிரதேசத்தின் நான்கு பிராந்தியங்களிலும் 19 மையங்களில், புதுச்சேரி பள்ளிக் கல்வி இயக்ககத்தால் தேர்வு நடத்தப்பட்டது.

இத்தேர்விற்கு விண்ணப்பித்த மொத்தம் 4163 மாணவ, மாணவிகளுள் 3860 ( 92.72%) மாணவ, மாணவிகள் தேர்வினை எழுதினர்.

**பகுதிவாரியான விவரங்கள் பின்வருமாறு**

பகுதி	NMMSS EXAMINATION-2025-26 விண்ணப்பித்தவர்கள்	தேர்வு எழுதியவர்கள்	சதவீதம்
புதுச்சேரி	3166	2952	93.2 %
காரைக்கால்	820	743	90.6%
மாணாறு	67	64	95.5 %
ஏனாம்பட்டி	110	101	91.8 %
மொத்தம்	4163	3860	92.7 %

இத்தேர்வுக்கான கேள்வித்தாள் மற்றும் விடைக் குறிப்புகள் (Answer Key) பள்ளிக் கல்வித் துறை இணையதளமான <https://www.schooledn.py.gov.in> இல் 10.03.2026 அன்று வெளியிடப்படும். விடைகளில் ஏதேனும் ஆட்சேபனை இருந்தால் வரும் 12.03.2026 க்குள் nmmsnts@dsepy.edu.in என்ற மின்னஞ்சல் முகவரிக்கு அனுப்பலாம்.

  
(முனைவர் வெ. கோ. சிவகாமி)  
இணை இயக்குநர்

இச்செய்தி குறிப்பினை தங்கள் நாளேட்டில் / தொலைக்காட்சியில் வெளியிட / ஒளிபரப்ப அன்புடன் கேட்டுக்கொள்ளப்படுகிறது.

  
(முனைவர் வெ. கோ. சிவகாமி)  
இணை இயக்குநர்



8011

**GOVERNMENT OF PUDUCHERRY  
DIRECTORATE OF SCHOOL EDUCATION**

**QUESTION BOOKLET**

**MARCH 2026**

**PART – I  
MENTAL ABILITY TEST**

**Centre Code No.**

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**Register No.**

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**INSTRUCTIONS**

1. Answer all the questions. All questions carry one mark each
2. Since all questions are compulsory, do not try to read through the Whole question paper before beginning to answer.
3. Begin with the first question and keep on trying one question after another till you finish all the question.
4. If you do not know the answer to any question, do not spend much time on it but pass on to the next one. If time permits, you can come back to the questions which you have left in the first instance and try them again.
5. Since the time allotted to this question paper is very limited, you should make the best use of it by not spending too much time on any one question.
6. Separate sheets have been provided for rough work in the Question Booklet itself.
7. The answers should be marked on a separate answer sheet provided in the Examination Hall.
8. The answer sheet has two parts corresponding to Part – I and Part –II of the Test.
9. Answer to each question is to be indicated by shading the number of the correct choice in the answer sheet with black ballpoint pen from amongst the ones given for the corresponding question in the test booklet.

**PART I**  
**MENTAL ABILITY TEST – MARCH 2026**

**8011**

**Duration: 90 minutes**

**Max Marks: 90**

**(Qns. 1 to 5)**

*Directions: In each question, the numbers / letters are arranged in a sequence based on a certain principle. Select the answer from the four alternatives given under each sequence to complete the series.*

1. ABZY, CDXW, EJVU, GHTS, .....  
(1) KMRQ                      (2) ABRQ                      (3) IJRO                      (4) IJQR
2. NRI, MSI, LTI, KUI, .....  
(1) JIT                      (2) JII                      (3) JUI                      (4) JVI
3. BC, DF, FI, HL, .....  
(1) KO                      (2) JO                      (3) JK                      (4) KJ
4. TAT, SCS, RFR, QJQ, .....  
(1) PNP                      (2) POP                      (3) PPP                      (4) PQP
5. What is the missing number in the series: 125, 170, 135, .... , 145, ?  
(1) 115                      (2) 140                      (3) 160                      (4) 175

**(Qns. 6 to 10)**

*Directions: Choose the most suitable answer from the given four alternatives.*

6. If RECOMMENDATION is coded as:  
**18-E-3-O-13-M-5-N-4-A-20-I-15-N**  
What will be the code for EVACUATION?  
(1) 5-V-1-C-21-A-20-I-15-N                      (2) 4-R-1-C-21-B-20-I-16-N  
(3) 4-V-1-C-21-A-20-I-15-N                      (4) 5-W-1-C-21-A-20-I-15-N
7. Use the following numeric codes, decode to find what does the following code stands for?  
**12-6-7-8-7-26-13-23-18-13-20**

B	O	T	W
25	12	7	4

- (1) AGRICULTURE                      (2) ABOLISHMENT
- (3) OUTSTANDING                      (4) DANGEROUSLY

8. How will you code DESCRIPTION using the following codes?

B	O	T	Y
A	P	S	Z

- (1) CKUDQJOSJPM (2) CFTDQJOERWM  
 (3) CTRTDQJOSJP P (4) CFTDQJOSJPM

9. If **EDUCATION** is coded as **GDWCCTKQN**, what will **ENTHUSIASTIC** be coded as?

- (1) KGEORTHWTSJK (2) GNTHWSKCSTKC  
 (3) QKNYTWHSRK (4) WGNTHKCSTKC

10. If **AMBITIOUS** is coded as **ALAISIOUR**, what will **RECORDED** be coded as?

- (1) QEBOQCEC (2) EBWBOQCI (3) NJEBOERT (4) WERGDSQA

**(Qns. 11 - 15)**

**Directions:** Choose the most suitable answer from the given four alternatives.

11. In a row of trees, a tree is 7<sup>th</sup> from left end and 14<sup>th</sup> from left end. How many trees are there in the row?

- (1) 18 (2) 19 (3) 20 (4) 21

12. Mani ranks 13<sup>th</sup> in the class of 35 students. There are 7 students below Sankar rank wise. How many students are there between Mani and Sankar?

- (1) 13 (2) 14 (3) 15 (4) 16

13. A parking lot contains 150 vehicles. Each vehicle is either a car or a truck and each vehicle is either red or green. 65 vehicles are red, and 115 vehicles are cars. If there are 18 green trucks, how many red cars are there?

- (1) 45 (2) 48 (3) 50 (4) 54

14. Arrange the words given below in a meaningful sequence.

- (1) Nation  
 (2) Village  
 (3) City  
 (4) District  
 (5) State

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

15. Arrange the words given below in a meaningful sequence.

- (1) Hecto
- (2) Centi
- (3) Deca
- (4) Kilo
- (5) Deci

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

**(Qns. 16 - 20)**

**Directions:** In the following questions, find the missing term which will complete the series.

16. 9, 11, 20, 31, (.....), 82

(1) 41                      (2) 51                      (3) 61                      (4) 71

17. 0, 2, 3, 5, 8, 10, 15, 17, 24, 26, (.....)

(1) 35                      (2) 32                      (3) 30                      (4) 28

18. 6, 11, 21, 36, 56, (...)

(1) 61                      (2) 71                      (3) 81                      (4) 91

19. 4, 10, (.....), 82, 244, 730

(1) 24                      (2) 28                      (3) 48                      (4) 68

20. 1, 9, 17, 33, 49, 73, (.....)

(1) 97                      (2) 98                      (3) 99                      (4) 100

**(Qns. 21 to 25)**

**Directions:** Choose the correct answer from the given options.

21. A man is 24 years older than his son. In 2 years, his age will be twice his son's age. What is the son's current age?

(1) 20                      (2) 21                      (3) 22                      (4) 23

22. If the ratio of the ages of two friends is 4:5 and the sum of their ages is 45 years, what is the age of the younger friend?

(1) 18 years                      (2) 20 years                      (3) 24 years                      (4) 25 years

23. E is the son of A. D is the son of B. E is married to C. C is B's daughter. How is D related to E?

(1) Brother                      (2) Uncle                      (3) Brother-in-law                      (4) Father-in-law

24. X is the brother of Y. Y is the sister of Z. Z is the son of P. How is X related to P?

(1) Son                      (2) Daughter                      (3) Grandson                      (4) Father

25. P is the son of Q. Q is the daughter of R. R is the wife of S. How is S related to P?

- (1) Father                      (2) Uncle                      (3) Brother                      (4) Grandfather

**(Qns. 26 - 30)**

**Directions:** Choose the correct answer from the given options.

26. If EARTH is written as FCUXM in a certain code. How is MOON written in that code?

- (1) NQQM                      (2) NQRM                      (3) NQRR                      (4) NQQR

27. If SYMBOL is written as NZTMPC in a certain code? How is NUMBER written in that code?

- (1) NVOSFC                      (2) MVOCFS                      (3) NVOCFS                      (4) MVOSFC

28. In a certain code, HARYANA is written as 8197151, how is DELHI written in that code?

- (1) 35489                      (2) 45389                      (3) 45893                      (4) 45983

29. In a certain code, PUDUCHERRY is written as 139, how is KARAIKAL written in that code?

- (1) 64                      (2) 63                      (3) 62                      (4) 61

30. In a certain code, COMPUTER is written as PMOCRETU, how is DECIPHER written in that code?

- (1) IECDDERP                      (2) IECDEHRP                      (3) ICEDHEPR                      (4) ICEDREHP

**(Qns. 31 - 35)**

**Directions:** Choose the correct answer from the given options.

31. If a person is facing north, turns 90 degrees anti-clockwise, then 180 degrees clockwise, which direction is he facing now?

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

32. A man is facing north-west. He turns  $90^\circ$  in the clockwise direction and then  $135^\circ$  in the anti-clockwise direction. Which direction is he facing now?

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

33. I walk 30 metres in North-West direction from my house and then 30 metres in South-West direction. After this I walk 30 metres in South-East direction. Now, I turn to my house, in what direction am I going?

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

34. If South-East becomes North and South becomes North-East and all the rest of the directions are changed in the same manner, then what will be the direction for West?

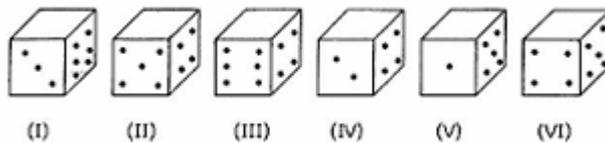
- (1) South-East      (2) South-West      (3) North-East      (4) North-West

35. I am facing south. I turn right and walk 20 metre. Then I turn right again and walk 10 metre. Then I turn left and walk 10 metre and then turning right walk 20 metre. Then I turn right again and walk 60 metre. In which direction am I from the starting point?

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

(Qns. 36 - 39)

**Direction:** Six different positions of a dice are given. Observe the positions Answer the questions that follow.



36. If the odd numbered dice have even number of dots on their top faces, then what would be the total number of dots on the top faces of their dice?

- (1) 8      (2) 10      (3) 12      (4) 14

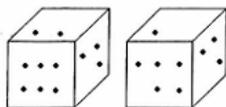
37. If even numbered (ii, iv, vi) dice have even number of dots on their top faces, then what would be the total number of dots on the top faces of their dice?

- (1) 12      (2) 14      (3) 24      (4) 18

38. If the even numbers of dice have odd number of dots on their top faces and odd numbered dice have even of dots on their bottom faces, then what would be the total number of dots on their top faces?

- (1) 14      (2) 18      (3) 16      (4) 12

39. Two positions of dice are shown below. How many points will be on the top when 2 points are at the bottom?



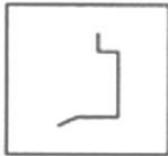
- (1) 1      (2) 4      (3) 5      (4) 6

(Qns. 40 - 44)

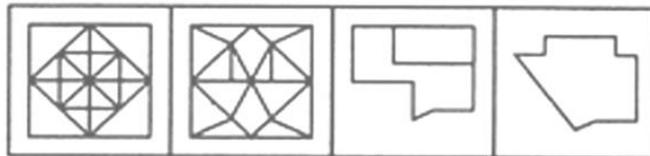
*Directions: identify the figure based on the continuation of the previous figures.*

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

40.



(X)



(1)

(2)

(3)

(4)

(1) 1

(2) 2

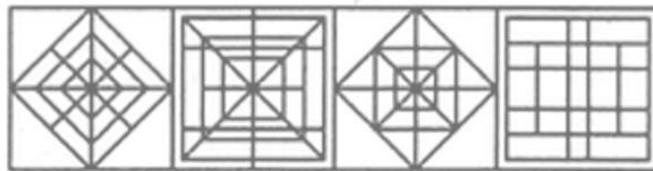
(3) 3

(4) 4

41.



(X)



(1)

(2)

(3)

(4)

(1) 1

(2) 2

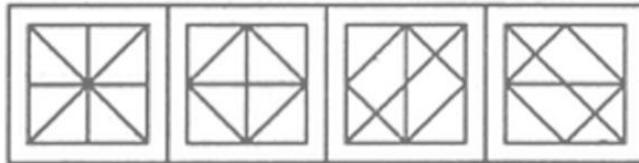
(3) 3

(4) 4

42.



(X)



(1)

(2)

(3)

(4)

(1) 1

(2) 2

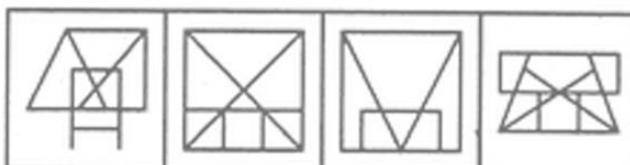
(3) 3

(4) 4

43.



(X)



(1)

(2)

(3)

(4)

(1) 1

(2) 2

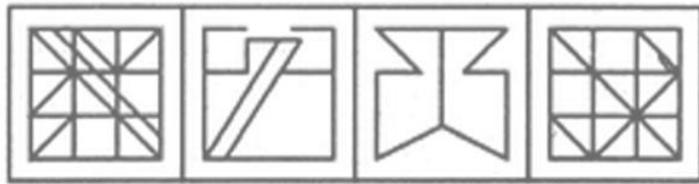
(3) 3

(4) 4

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



(X)



(1)

(2)

(3)

(4)

(1) 1

(2) 2

(3) 3

(4) 4

(Qns. 45 -49)

**Directions:** Choose the box that is similar to the box formed from the given sheet of paper (X). Choose the figure from 1, 2, 3, or 4 which closely resembles figure Z.

45.



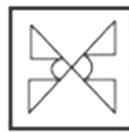
(X)



(Y)



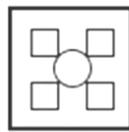
(Z)



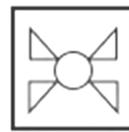
(1)



(2)



(3)



(4)

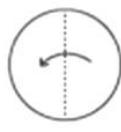
(1) 1

(2) 2

(3) 3

(4) 4

46.



(X)



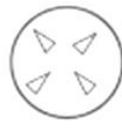
(Y)



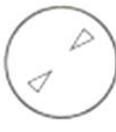
(Z)



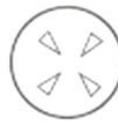
(1)



(2)



(3)



(4)

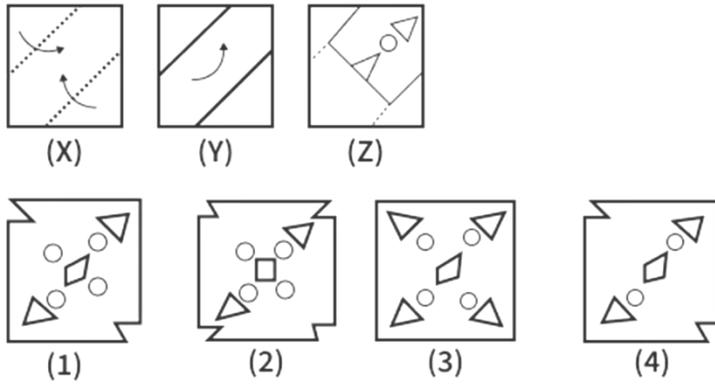
(1) 1

(2) 2

(3) 3

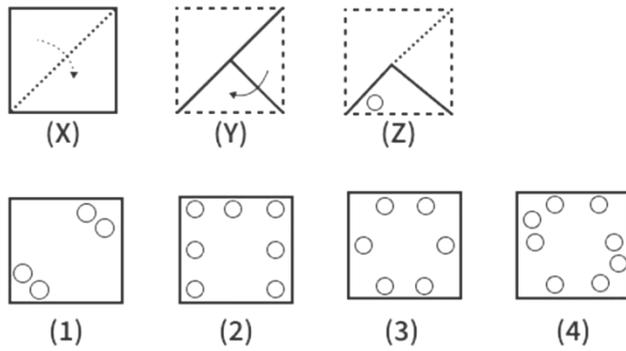
(4) 4

47.



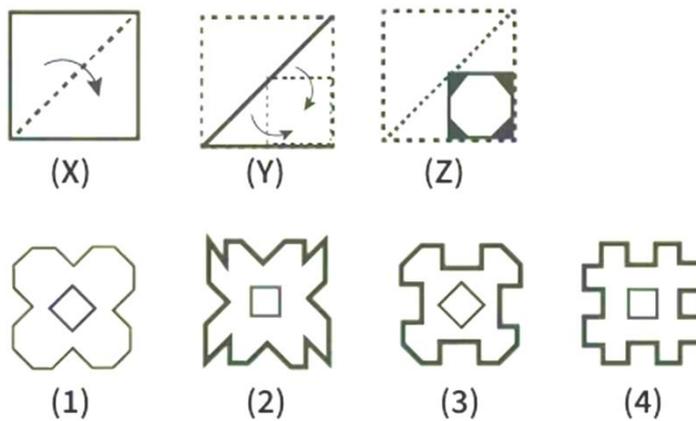
- (1) 1                      (2) 2                      (3) 3                      (4) 4

48.



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

49.

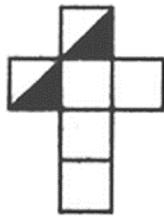


- (1) 1                      (2) 2                      (3) 3                      (4) 4

(Qns. 50-54)

*Directions: Choose the box that is similar to the box formed from the given sheet of paper (X).*

50.



(X)



(1)



(2)



(3)



(4)

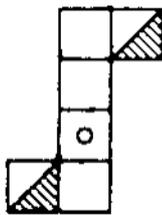
(1) 1 and 4 only

(2) 3 and 4 only

(3) 1 and 2 only

(4) 2 and 3 only

51.



(X)



(1)



(2)



(3)



(4)

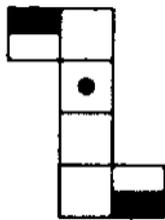
(1) 1 and 3 only

(2) 1 and 4 only

(3) 2 and 4 only

(4) 3 and 4 only

52.



(X)



(1)



(2)



(3)



(4)

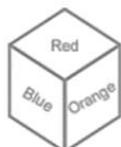
(1) 1 and 2 only

(2) 2 and 3 only

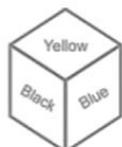
(3) 2 and 4 only

(4) 1, 2, 3 and 4

53. What is the opposite face of "Red"?



(A)



(B)

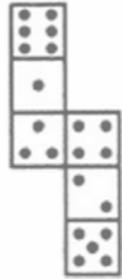
(1) Red

(2) Blue

(3) Yellow

(4) Black

54. How many dots lie opposite to the face having three dots, when the given figure is folded to form a cube?

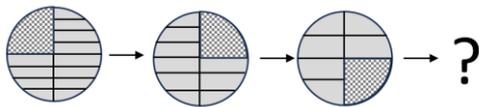


- (1) 2                      (2) 4                      (3) 5                      (4) 6

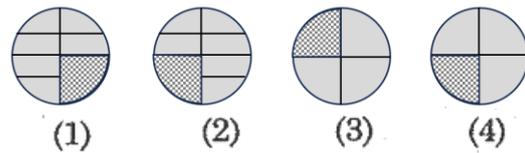
**(Qns. 55-59)**

*Directions: Each of the following questions consist of problem figures followed by answer figures. Select a figure from amongst the answer figures which will continue the same series or pattern as established by the problem figures.*

55. **PROBLEM FIGURE**

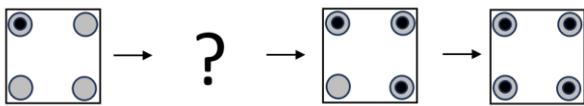


**ANSWER FIGURE**

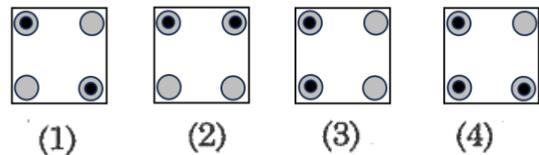


- (1) 1                      (2) 2                      (3) 3                      (4) 4

56. **PROBLEM FIGURE**

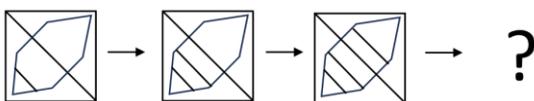


**ANSWER FIGURE**

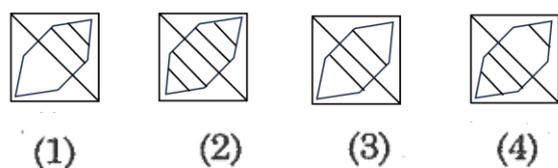


- (1) 1                      (2) 2                      (3) 3                      (4) 4

57. **PROBLEM FIGURE**

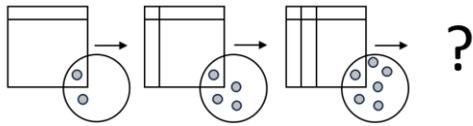


**ANSWER FIGURE**

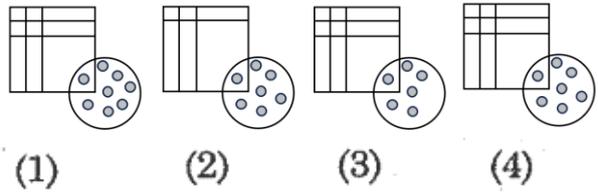


- (1) 1                      (2) 2                      (3) 3                      (4) 4

58. **PROBLEM FIGURE**



**ANSWER FIGURE**



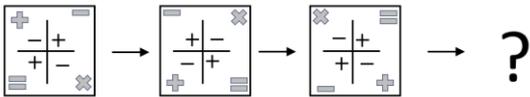
(1) 1

(2) 2

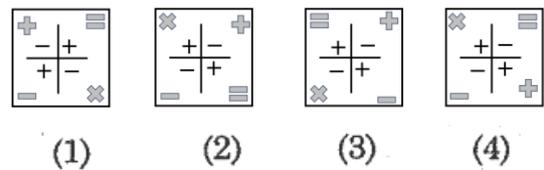
(3)

(4) 4

59. **PROBLEM FIGURE**



**ANSWER FIGURE**



(1) 1

(2) 2

(3) 3

(4) 4

(Qns. 60-66)

**Directions:** In each of the following, choose the correct mirror image amongst the four alternatives.

60. Which of the following images is the correct water image of the word "bridge"?

bridge

(1) pɹı!qǎe

(2) pɹı!qǎe

(3) pɹı!qǎe

(4) pɹı!pǎe

(1) 1

(2) 2

(3) 3

(4) 4

61. Which of the following images is the correct water image of the word "RECRUIT"?

RECRUIT

(1) RECRUIT

(2) RECRUIT

(3) RECRUIT

(4) RECRUIT

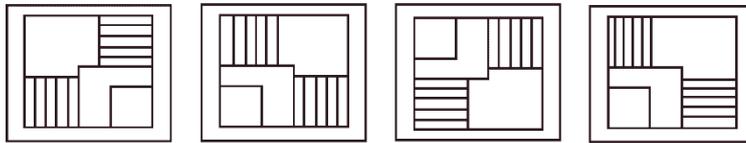
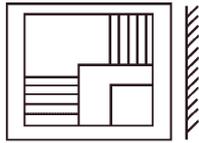
(1) 1

(2) 2

(3) 3

(4) 4

62. Find the mirror image of the given figure.



(1)

(2)

(3)

(4)

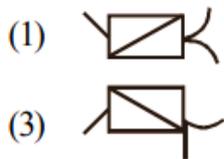
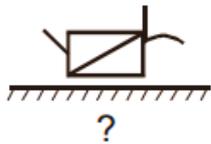
(1) 1

(2) 2

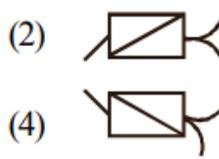
(3) 3

(4) 4

63. Find the mirror image of the given figure



(1)



(2)



(3)



(4)

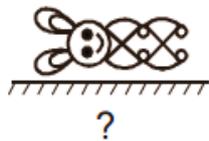
(1) 1

(2) 2

(3) 3

(4) 4

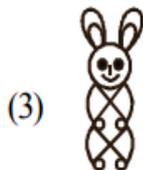
64. Find the mirror image of the given figure.



(1)



(2)



(3)



(4)

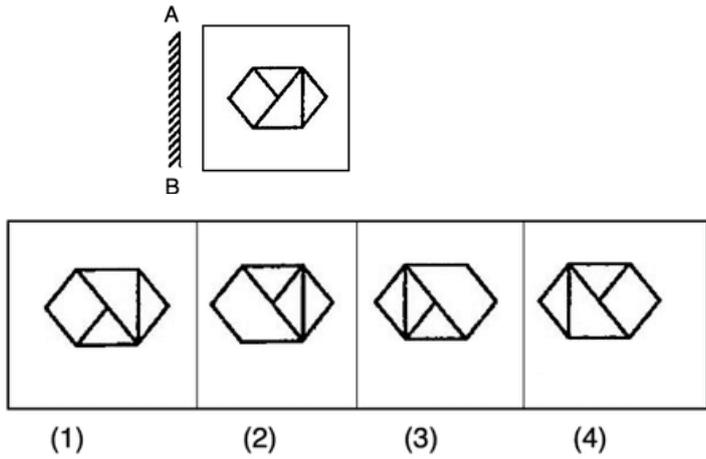
(1) 1

(2) 2

(3) 3

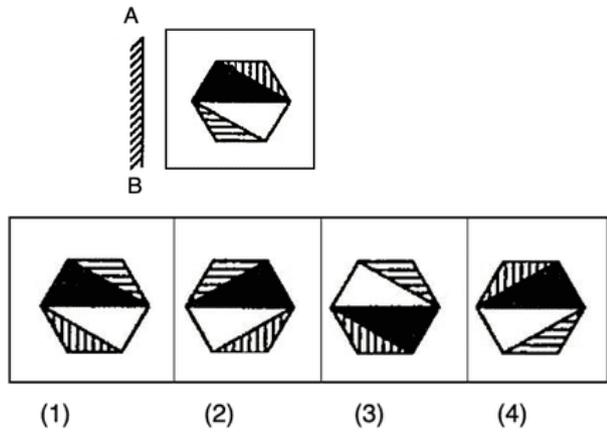
(4) 4

65. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is placed on the line AB?



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

66. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is placed on the line AB?

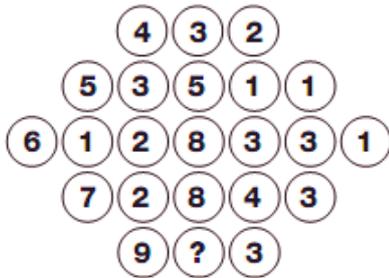


- (1) 1                      (2) 2                      (3) 3                      (4) 4

**(Qns. 67 - 71)**

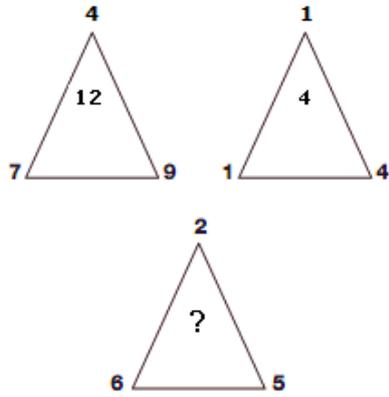
**Directions:** Choose the correct answer from the given options.

67. Which number comes inside the circle?



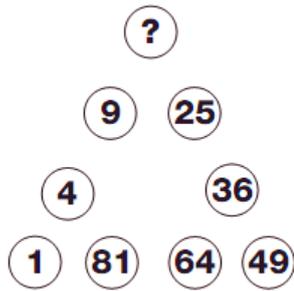
- (1) 1                      (2) 4                      (3) 6                      (4) 7

68. Which number replaces the question mark?



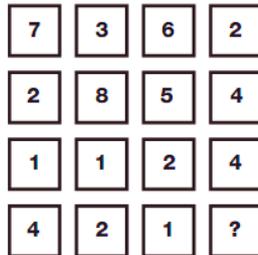
- (1) 13                      (2) 11                      (3) 10                      (4) 9

69. Which number replaces the question mark?



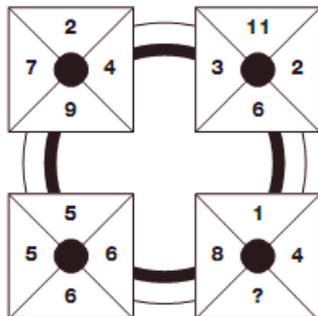
- (1) 8                      (2) 9                      (3) 16                      (4) 27

70. Which number replaces the question mark?



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

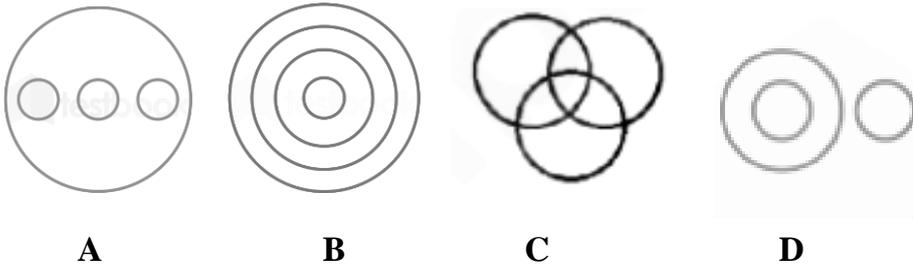
71. Which number replaces the question mark?



- (1) 7                      (2) 9                      (3) 11                      (4) 13

(Qns.: 72 - 75)

Directions: Answer the following questions.



72. Which of the above diagram shows the relationship between all of these  
Tamil Nadu, Chennai, Puducherry

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

73. Which of the above diagram shows the relationship among the classes given below  
Word, Sentence, Alphabet, Paragraph

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

74. Which of the above diagram shows the relationship between all of these  
Indians, doctors and women

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

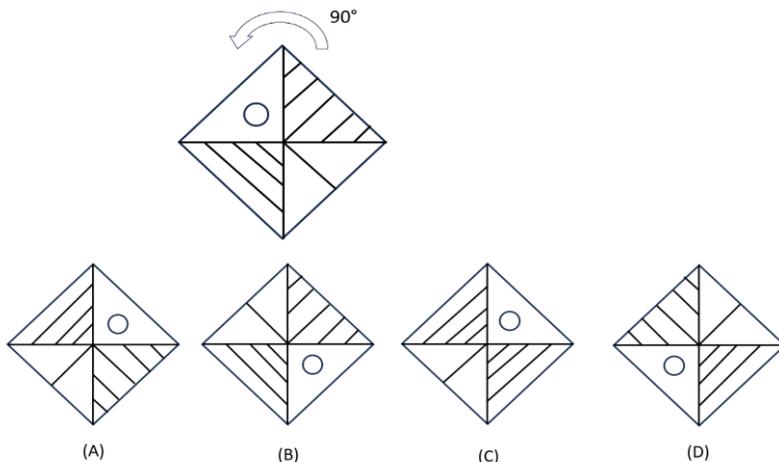
75. Choose the diagram that best represents the relationship among the classes given below

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

(Qns.: 76- 80)

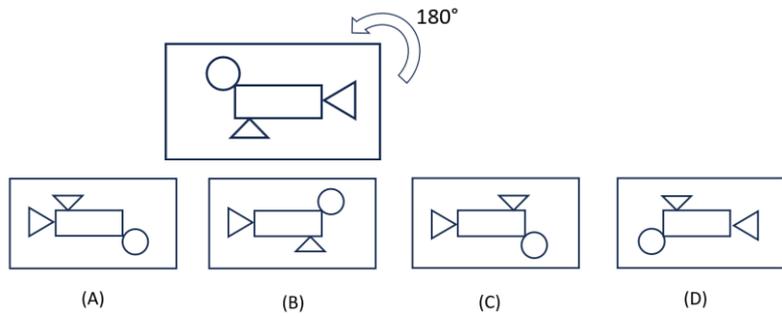
Directions: In the following Questions, choose the correct answer from the given options. Choose the correct image as the rotated image of the given image, when the image is rotated in the specified direction and through the angle mentioned

76.



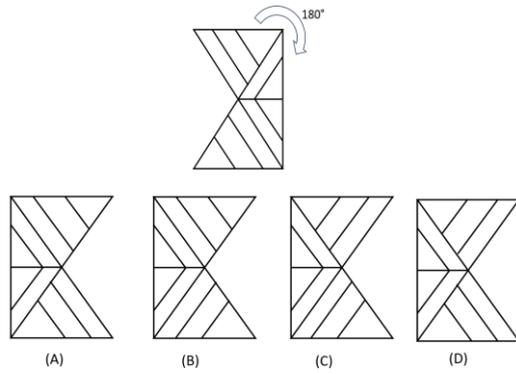
- (1) (A)                      (2) (B)                      (3) (C)                      (4) (D)

77.



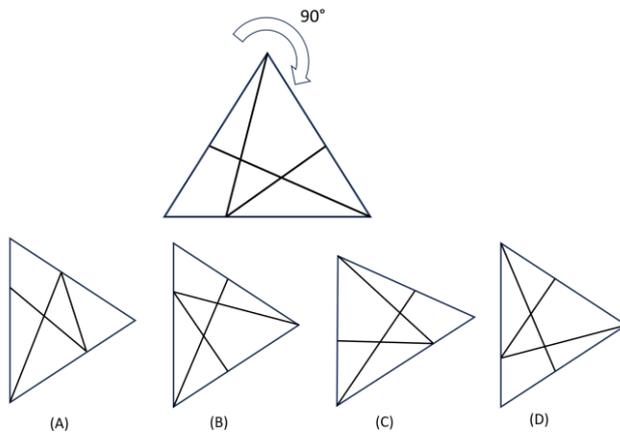
- (1) (A)                      (2) (B)                      (3) (C)                      (4) (D)

78.



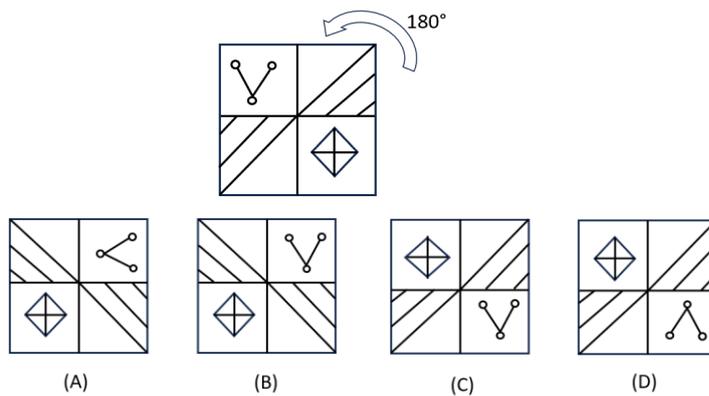
- (1) (A)                      (2) (B)                      (3) (C)                      (4) (D)

79.



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

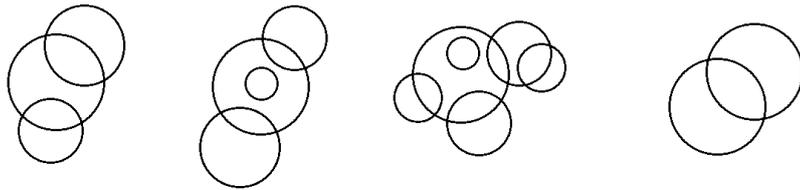
80.



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

Directions: In the following Questions, look at the given figures and find the odd one out.

81.



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

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

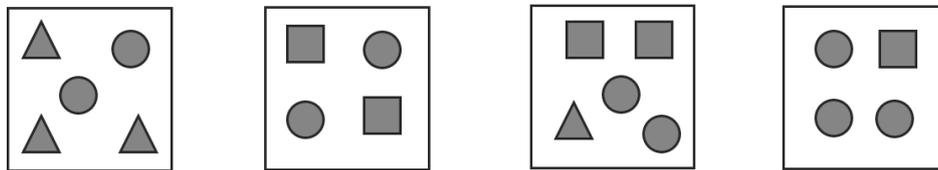
82.



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

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

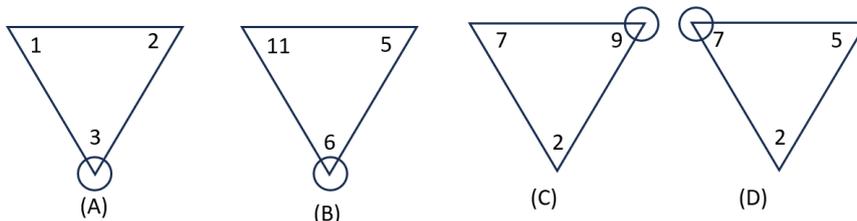
83.



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

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

84.



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

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

85.



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

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

(Qns. 86 - 90)

*Directions: Choose the correct answer from the given options*

86. A train 150 meters long is running at a speed of 90 km/h. How much time will it take to cross a platform 150 meters long?

- (1) 6 seconds      (2) 12 seconds      (3) 18 seconds      (4) 24 seconds

87. A sum of money is divided among A, B, and C in the ratio 3:4:5. If C gets ₹500 more than A, what is the total amount?

- (1) ₹ 1200      (2) ₹ 1500      (3) ₹ 2400      (4) ₹ 3000

88. A car covers a distance of 360 km at a uniform speed. If the speed is increased by 20 km/h, the time taken reduces by 1 hour. What is the original speed?

- (1) 60 km/h      (2) 80 km/h      (3) 100 km/h      (4) 120 km/h

89. I have a few sweets to be distributed. If I keep, 2, 3 or 4 in a pack, I am left with one sweet. If I keep 5 in a pack, I am left with none. What is the minimum number of sweets I have to pack and distribute?

- (1) 25      (2) 37      (3) 45      (4) 54

90. A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?

- (1) 45      (2) 60      (3) 75      (4) 90





8021

**GOVERNMENT OF PUDUCHERRY  
DIRECTORATE OF SCHOOL EDUCATION**

**QUESTION BOOKLET**

**MARCH 2026**

**PART – II  
SCHOLASTIC APTITUDE TEST**

**Centre Code No.**

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**Register No.**

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**INSTRUCTIONS**

1. Answer all the questions. All questions carry one mark each.
2. Since all questions are compulsory, do not try to read through the whole question paper before beginning to answer.
3. Begin with the first question and keep on trying one question after another till you finish all the question.
4. If you do not know the answer to any question, do not spend much time on it but pass on to the next one. If time permits, you can come back to the questions which you have left in the first instance and try them again.
5. Since the time allotted to this question paper is very limited, you should make the best use of it by not spending too much time on any one question.
6. Separate sheets have been provided for rough work in the Question Booklet itself.
7. The answers should be marked on a separate answer sheet provided in the Examination Hall.
8. The answer sheet has two parts corresponding to Part – I and Part –II of the Test.
9. Answer to each question is to be indicated by shading the number of the correct choice in the answer sheet with black ballpoint pen from amongst the ones given for the corresponding question in the test booklet.

**SCIENCE**

1. Aeroplanes are streamlined to reduce  
 (1) fluid friction    (2) sliding friction    (3) kinetic friction    (4) limiting friction
  
2. Two bricks of same mass are placed on sand as shown below. The brick in figure A exerts:

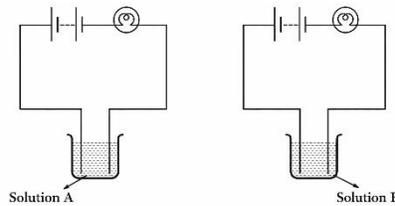


(A)



(B)

- (1) Equal pressure    (2) Less pressure    (3) More pressure    (4) Zero pressure
  
3. Dilip and Kumar performed experiments taking similar bulbs and cells but two different solutions A and B as shown in the following figure. They found that the bulb in setup A is glowing more brightly as compared to that of setup B. you would conclude that \_\_\_\_\_.



- (1) higher current is flowing through the circuit in setup A
- (2) higher current is flowing through the circuit in setup B
- (3) equal current is flowing through both the circuits
- (4) none of the above.
  
4. Two mirrors A and B are placed at right angles to each other. A ray of light incident on mirror A at an angle of  $25^\circ$  falls on mirror B after reflection. The angle of reflection for the ray reflected from mirror B would be \_\_\_\_\_.
- (1)  $25^\circ$                       (2)  $50^\circ$                       (3)  $65^\circ$                       (4)  $115^\circ$

5. If the area of contact is reduced by 50%, pressure will:
- (1) remain same                      (2) Double  
(3) becomes half                      (4) increase to four times its original
6. Maximum part of light is reflected by
- (1) opaque object                      (2) translucent object  
(3) transparent object                      (4) all of these
7. Match the following;
- i) Non-contact forces                      - a) an act of push or pull  
ii) Catapult                      - b) perpendicular to surface  
iii) Force                      - c) Contact force  
iv) Normal force                      - d) action at a distant force
- (1) i)-c), ii)-a), iii)-d), iv)-b)                      (2) i)-d), ii)-c), iii)-a), iv)-b)  
(3) i)-d), ii)-a), iii)-c), iv)-b)                      (4) i)-b), ii)-a), iii)-d), iv)-c)
8. A bus travels 300 m in 30 s, stops for 10 s and then moves 200 m in 20 s. Its average speed is:
- (1) 10 m/s                      (2) 8.3 m/s                      (3) 7.5 m/s                      (4) 5 m/s
9. An electric current can produce \_\_\_\_\_.
- (1) heating effect only                      (2) chemical effect only  
(3) magnetic effect only                      (4) chemical, heating, and magnetic effects.
10. A brick with dimensions  $0.2 \text{ m} \times 0.1 \text{ m} \times 0.05 \text{ m}$  weighs 50 N, the pressure when it rests on the smallest face is
- (1)  $100 \text{ N m}^{-2}$                       (2)  $1000 \text{ N m}^{-2}$                       (3)  $5000 \text{ N m}^{-2}$                       (4)  $10000 \text{ N m}^{-2}$
11. Which of the following object is sonorous?
- (1) steel bottle                      (2) hardcover book                      (3) Plastic bat                      (4) Porcelain plate
12. The backside of a plane mirror contains
- (1) gold coating                      (2) silver coating                      (3) aluminium coating                      (4) copper coating

13. Teflon is classified under which of the following categories?  
(1) Natural fibre (2) Thermosetting plastic  
(3) Synthetic fibre (4) Thermoplastic
14. The fuel that produces the most heat energy per unit mass is  
(1) Cow dung cake (2) LPG (3) Coal (4) Petrol
15. Identify the hottest zone in a candle flame.



- (1) Outer Zone (2) Middle Zone (3) Inner Zone (4) Blue Zone
16. Magnesium ribbon on burning in air produces  
(1) magnesium oxide, water and light (2) magnesium oxide and heat  
(3) magnesium oxide, heat and light (4) magnesium oxide, water and heat
17. **Assertion:** Chromium plating is done on many objects like car parts, wheel rims and bath taps.  
**Reason:** The chromed layer can be decorative, provide corrosion resistance, ease cleaning procedures, or increase surface hardness.
- (1) Assertion is correct and Reason is incorrect  
(2) Assertion is incorrect and Reason is correct  
(3) Both Assertion and Reason is correct and Reason is the correct explanation of Assertion  
(4) Both Assertion and Reason is correct but Reason is not the correct explanation of Assertion

18. The substance expected to have the highest ignition temperature out of the following is  
(1) kerosene                      (2) petrol                      (3) coal                      (4) alcohol
19. Under which conditions does coal formation take place from plant and animal remains?  
(1) high pressure and high temperature  
(2) high pressure and cold surroundings  
(3) low pressure and high temperature  
(4) low pressure and cold surroundings
20. The most suitable material for the preparation of handles of cooking utensils is  
(1) Polythene                      (2) PVC                      (3) Nylon                      (4) Bakelite
21. Sodium metal is stored in kerosene. Why?  
(1) It is highly reactive and catches fire in air      (2) It is less reactive  
(3) To keep it cool                      (4) To make it shiny
22. Penguins have thick fur and a fat layer to survive in which habitat?  
(1) Desert                      (2) Polar Region                      (3) Grassland      (4) Aquatic life
23. The force of attraction is minimum in  
(1) Solid                      (2) liquid                      (3) gas                      (4) none of these
24. The non-metal which is liquid at room temperature is:  
(1) Bromine                      (2) Iodine                      (3) Carbon                      (4) Chlorine.

25. Match Column I and Column II and select the correct matching:

Column I	Column II
i) Kharif crops	- a) animal excreta, cow dung urine and plant waste
ii) Rabi crops	- b) Urea and Super phosphate
iii) Chemical fertilizers	- c) Wheat, gram, pea
iv) Organic manure	- d) Paddy and maize
(1) i)-b), ii)-a), iii)-c), iv)-d)	(2) i)-d), ii)-c), iii)-a), iv)-b)
(3) i)-a), ii)-b), iii)-d), iv)-c)	(4) i)-d), ii)-c), iii)-b), iv)-a)

26. \_\_\_\_\_ separates the contents of the cell from the surrounding medium.  
(1) Protoplasm      (2) Cytoplasm      (3) Cell membrane      (4) nucleus
27. Given below are events that lead to pregnancy and development of embryo.  
i) Fertilization of egg  
ii) Maturation of egg  
iii) Release of egg  
iv) Embedding of embryo in thickened uterine wall.  
(1) ii, i, iii, iv      (2) ii, iii, i, iv      (3) i, iv, ii, iii      (4) i, ii, iii, iv
28. Reproduction by budding takes place in \_\_\_\_\_.  
(1) Hydra      (2) Amoeba      (3) Paramecium      (4) Bacteria
29. Species found in a particular area is known as \_\_\_\_\_.  
(1) Endemic species      (2) Endangered species  
(3) Extinct species      (4) Rare species
30. For the metamorphosis of tadpole which of the following elements must be present in water?  
(1) Chlorine      (2) Carbon      (3) Sulphur      (4) Iodine
31. According to IUCN “Red List”, what is the status of red panda?  
(1) vulnerable species      (2) endangered species  
(3) critically endangered species      (4) extinct species
32. \_\_\_\_\_ is an essential constituent of proteins, nucleic acids, chlorophyll and vitamins.  
(1) Nitrogen      (2) Hydrogen      (3) Oxygen      (4) Calcium
33. Baker’s yeast : Bread :: Lactobacillus : ?  
(1) Yoghurt      (2) Beverages      (3) Alcohol      (4) Wine
34. \_\_\_\_\_ was discovered by Alexander Fleming in 1929.  
(1) Streptomycin      (2) Erythromycin      (3) Penicillin      (4) Tetracycline

35. In a classroom discussion, three students made the following statements.

**Seetha:** Fertilizers are chemical substances that are rich in a particular nutrient.

**Ravi:** Fertilizers increase the water holding capacity of the soil.

**Ashok:** Fertilizers used in excess provide lots of humus to the soil.

Which student(s) made incorrect statement(s)?

- (1) Seetha and Ravi                      (2) Ravi and Ashok  
 (3) Ashok and Seetha                    (4) Seetha only

### SOCIAL SCIENCE

36. Soyrabai, the wife of the well-known Bhakti poet \_\_\_\_\_.

- (1) Tulsidas              (2) Kabir              (3) Chokhamela      (4) Rahim

37. Who translated the Ramayana into Persian?

- (1) Abul Fazl              (2) Badauni              (3) Faizi              (4) Dara Shikoh

38. Ryotwari system was introduced by:

- (1) Cornwallis              (2) Munro              (3) Dalhousie              (4) Wellesley

39. The silver rupee was first introduced by \_\_\_\_\_.

- (1) Babur              (2) Humayun              (3) Sher Shah Suri      (4) Akbar

40. In which year did Delhi become the capital of British India?

- (1) 1921              (2) 1911              (3) 1925              (4) 1929

41. Match the following:

Column A	-	Column B
A. Begum Hazrat Mahal	-	1. Jhansi
B. Kunwar Singh	-	2. Awadh
C. Ahmadullah Shah	-	3. Faizabad
D. Rani Laxmibai	-	4. Bihar
(1) A-2; B-3; C-4; D-1		(2) A-4; B-3; C-2; D-1
(3) A-2; B-4; C-3; D-1		(4) A-3; B-4; C-2; D-1



52. Name the type of farming practiced to meet the needs of the farmer's family?  
(1) Commercial Farming                      (2) Mixed Farming  
(3) Plantation agriculture                      (4) Subsistence Farming
53. Rows of trees planted in dry lands to prevent soil erosion is known as  
(1) Contour ploughing                      (2) Shelter belts  
(3) Intercropping                      (4) Terrace farming
54. Which continent is the leading producer of iron ore in the world?  
(1) Asia                      (2) North America                      (3) Europe                      (4) Australia
55. Which of the following is not a sugarcane-producing state in India?  
(1) Assam                      (2) Madhya Pradesh                      (3) Uttar Pradesh                      (4) Maharashtra
56. The Monazite sands of Kerala is rich in \_\_\_\_\_.  
(1) Uranium                      (2) Thorium                      (3) Aluminium                      (4) Magnesium
57. Platinum is found in which of the following rocks?  
(1) Sedimentary and Igneous                      (2) Metamorphic and Sedimentary  
(3) Igneous and Metamorphic                      (4) None of the above.
58. In which of the following spheres of the earth are living beings inter-related and interdependent on each other for their survival?  
(1) Lithosphere                      (2) Biosphere                      (3) Atmosphere                      (4) Hydrosphere
59. Basket weaving, pottery and other handicrafts are all examples of  
(1) Small scale industries                      (2) Medium scale industries  
(3) Cottage industries                      (4) Large scale industries
60. Which latitude receives direct sunlight twice a year?  
(1) Tropic of Capricorn                      (2) Tropic of Cancer                      (3) Equator                      (4) Arctic Circle
61. The Chief Justice of India is appointed by the \_\_\_\_\_.  
(1) Prime Minister                      (2) Parliament                      (3) President                      (4) Supreme Court

62. Who was the first speaker of the Lok Sabha?  
(1) M. A. Ayyangar (2) Neelam Sanjiva Reddy  
(3) Ganesh Vasudev Mavlankar (4) G. S. Dhillon
63. When was the Supreme Court of India established?  
(1) 15 August 1947 (2) 26 January 1950  
(3) 15 August 1950 (4) 26 January 1947
64. The important fundamental rights to Equality is mentioned in which article of the constitution?  
(1) Article 14-18 (2) Article 19-22 (3) Article 23- 24 (4) Article 29-30
65. A bill finally becomes an Act after the assent of\_\_\_\_\_.  
(1) President (2) Prime Minister (3) Supreme Court (4) Speaker
66. When did the Protection of Women from Domestic Violence Act come into effect?  
(1) 2006 (2) 1990 (3) 2001 (4) 2005
67. Equity in the schooling facilities available to all children is an important aspect of \_\_\_\_\_.  
(1) Right to safety (2) Right to life (3) Right to education (4) Right to school
68. The \_\_\_\_\_ hour is an important mechanism through which Member of Parliaments can elicit information about the working of the government.  
(1) Both question and zero (2) question (3) Zero (4) None of the above
69. No child below the age of \_\_\_\_\_ shall be employed to work in any factory.  
(1) Three (2) Ten (3) Twenty (4) Fourteen
70. Identify the body that protects and upholds the Constitution  
(1) Parliament (2) Supreme Court  
(3) Election Commission (4) Cabinet

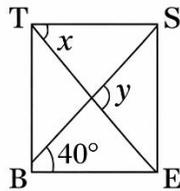
71. Multiplicative inverse of a negative rational number is  
(1) a positive rational number.                      (2) a negative rational number.  
(3) 0    (4) 1
72. The sides of triangles are in the ratio 3:4:5 and the perimeter is 72 cm.  
Find the Sides  
(1) 16 cm, 24 cm and 32 cm                      (2) 12 cm, 18 cm and 42 cm  
(3) 12 cm, 24 cm and 36 cm                      (4) 18 cm, 24 cm and 30 cm
73. The number of like terms in the expression  $-3a^2xy+2xay^2-xya^2+4ax^2y+7xa^2y$  is  
(1) 1                                      (2) 2                                      (3) 3                                      (4) 4
74. If  $3x - 4(64 - x) = 10$ , then the value of x is  
(1) -266                                      (2) 133                                      (3) 66.5                                      (4) 38
75. In a pie chart, the total angle at the centre of the circle is  
(1)  $180^\circ$                                       (2)  $360^\circ$                                       (3)  $270^\circ$                                       (4)  $90^\circ$
76. The sum of a two-digit number and the number obtained by reversing its digits will always be divisible by  
(1) 37                                      (2) 31                                      (3) 11                                      (4) 9
77. Ram put some buttons on the table. There were 4 blue, 7 red, 3 black and 6 white buttons in all. All of a sudden, a cat jumped on the table and knocked out one button on the floor. What is the probability that the button on the floor is blue?  
(1)  $\frac{7}{20}$                                       (2)  $\frac{3}{5}$                                       (3)  $\frac{1}{5}$                                       (4)  $\frac{1}{4}$
78. Given that  $\sqrt{5625} = 75$ , the value of  $\sqrt{0.5625} + \sqrt{56.25}$  is:  
(1) 82.5                                      (2) 0.75                                      (3) 8.25                                      (4) 75.05

79. ABCD is a quadrilateral in which  $AB = 5$  cm,  $CD = 8$  cm and the sum of angle A and angle D is  $180^\circ$ . What is the name of this quadrilateral?  
(1) Parallelogram (2) Trapezium  
(3) Rhombus (4) Cannot be determined
80. A regular polygon is \_\_\_\_\_  
(1) Equilateral (2) Equiangular (3) Both (1) & (2) (4) None
81. A watch has a marked price of Rs. 3600. A discount of 20% is offered. If the cost price of the watch is Rs. 2500, find the profit on selling it  
(1) ₹ 380 (2) ₹ 360 (3) ₹ 320 (4) ₹ 300
82. Which of the following vary inversely with each other?  
(1) speed and distance covered.  
(2) distance covered and taxi fare.  
(3) distance travelled and time taken.  
(4) speed and time taken.
83. What is the area of the largest triangle that can be fitted into a rectangle of length  $l$  units and width  $b$  units?  
(1)  $lb/2$  (2)  $lb/3$  (3)  $lb/6$  (4)  $lb/4$
84. The sum of two numbers is 31 and their product is 184. The numbers are:  
(1) 12 and 19 (2) 46 and 4 (3) 16 and 15 (4) 8 and 23
85. The shifting of a number from one side of an equation to the other is called  
(1) Transposition (2) Distributivity (3) Commutativity (4) Associativity
86. 12 workers can complete a work in 15 days, how many workers are needed to complete it in 9  
(1) 10 (2) 15 (3) 18 (4) 20

87. Number of lines of Symmetry does a regular hexagon have  
 (1) 3                      (2) 6                      (3) 9                      (4) 12

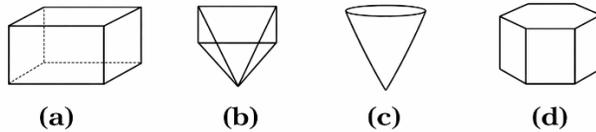
88. If  $abc$  is a three-digit number, then the number  $abc - a - b - c$  is divisible by  
 (1) 9                      (2) 90                      (3) 10                      (4) 11

89. In the figure, BEST is a rhombus. Then the value of  $y - x$  is



- (1)  $50^\circ$                       (2)  $40^\circ$                       (3)  $20^\circ$                       (4)  $10^\circ$ .

90. Which among the following is not a polyhedron?



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

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**FOR ROUGH WORK ONLY**

**8021**

**NATIONAL MEANS CUM MERIT SCHOLARSHIP SCHEME  
EXAMINATION 2026**

**KEY FOR MAT**

SL. NO.	KEY	SL. NO.	KEY
1	4	46	4
2	4	47	4
3	2	48	1
4	2	49	1
5	3	50	1
6	1	51	1
7	3	52	4
8	4	53	3
9	2	54	4
10	1	55	4
11	3	56	2
12	2	57	2
13	2	58	1
14	1	59	3
15	3	60	2
16	2	61	2
17	1	62	4
18	3	63	3
19	2	64	1
20	1	65	4
21	3	66	4
22	2	67	3
23	3	68	4
24	1	69	3
25	4	70	4
26	3	71	2
27	1	72	4
28	2	73	2
29	1	74	3
30	4	75*	-
31	2	76	4
32	3	77	3
33	3	78	1
34	1	79	2
35	1	80	4
36	1	81	1
37	4	82	2
38	3	83	3
39	1	84	2
40	4	85	3
41	4	86	2
42	1	87	4
43	4	88	2
44	1	89	1
45	3	90	4

Note: Q. No. 75 \* 1 mark will be awarded to all candidates."



**NATIONAL MEANS CUM MERIT SCHOLARSHIP SCHEME EXAMINATION 2025  
KEY FOR SAT**

SL. NO.	KEY	SL. NO.	KEY	SL. NO.	KEY
1	1 ✓	36	3 ✓	71	2 ✓
2	3 ✓	37	2 ✓	72	4 ✓
3	1 ✓	38	2 ✓	73	3 ✓
4	3 ✓	39	3 ✓	74	4 ✓
5	2 ✓	40	2 ✓	75	2 ✓
6	1 ✓	41	3 ✓	76	3 ✓
7	2 ✓	42	2 ✓	77	3 ✓
8	2 ✓	43	2 ✓	78	3 ✓
9	4 ✓	44	2 ✓	79	2 ✓
10	4 ✓	45	2 ✓	80	3 ✓
11	1 ✓	46	3 ✓	81	1 ✓
12	2 ✓	47	3 ✓	82	4 ✓
13	4 ✓	48	2 ✓	83	1 ✓
14	2 ✓	49	3 ✓	84	4 ✓
15	1 ✓	50	2 ✓	85	1 ✓
16	3 ✓	51	1 ✓	86	4 ✓
17	3 ✓	52	4 ✓	87	2 ✓
18	3 ✓	53	2 ✓	88	1 ✓
19	1 ✓	54	3 ✓	89	2 ✓
20	4 ✓	55	1 ✓	90	3 ✓
21	1 ✓	56	2 ✓		
22	2 ✓	57	3 ✓		
23	3 ✓	58	2 ✓		
24	1 ✓	59	3 ✓		
25	4 ✓	60	3 ✓		
26	3 ✓	61	3 ✓		
27	2 ✓	62	3 ✓		
28	1 ✓	63	2 ✓		
29	1 ✓	64	1 ✓		
30	4 ✓	65	1 ✓		
31	2 ✓	66	1 ✓		
32	1 ✓	67	3 ✓		
33	1 ✓	68	2 ✓		
34	3 ✓	69	4 ✓		
35	2 ✓	70	2 ✓		

*SP*