

Booklet No

4th STATE LEVEL MTGS COMPETITION, 2025

Organised by:

Mission Transformation of Government Schools (MTGS)

QUESTION BOOKLET

CLASS VI

(Subjects: MATHEMATICS, SCIENCE, ENGLISH, SOCIAL SCIENCE & GENERAL AWARENESS)

INSTRUCTIONS TO THE CANDIDATES

1. This booklet contains 100 questions and each question carries equal marks.
2. This Question Booklet contains five Sections :
 - Section A - Mathematics (20 Questions)**
 - Section B – Science (20 Questions)**
 - Section C – English (20 Questions)**
 - Section D – Social Science (20 Questions)**
 - Section E – General Awareness (20 Questions)**
3. The duration of the exam is two (2) hours.
4. Attempt all the questions as there is no negative mark for wrong response.
5. Write your Name, School's Name, Class, Exam Roll No., etc. in the box specified in the OMR ANSWER SHEET.
6. In the OMR Answer Sheet, there are four options marked as A, B, C & D against each question. You will select the response which you want to mark on the OMR Sheet and darken it completely as shown in the OMR Sheet.
7. Each question has one correct answer. Attempting more than one choice for a particular question will be treated as a wrong response even if one of the marked answer happens to be correct.
8. If a question is left blank, there will be no mark for the question.
9. Darken the circle using a black or blue ball point pen.
10. You are permitted to take away with you this Question Booklet.

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL
YOU ARE TOLD TO DO SO.**

SECTION A: MATHEMATICS

1. Which of the following is the largest integer?
a. - 1 c. - 5
b. 0 d. -10
2. Find the LCM of 20, 24, 32 and 40?
a. 412 c. 480
b. 285 d. 235
3. Which of the following statements is true?
a. 1 is the smallest whole number.
b. All whole numbers are natural numbers.
c. The successor of a 25 is 24.
d. There are four whole numbers between 11 and 16.
4. How many right angles do you turn if you start facing north and turn anti-clockwise to east? .
a. 1 c. 2
b. 3 d. 4
5. If the cost of 6 cans of juice is ₹ 210, then what will be the cost of 8 cans of juice?
a. ₹ 140 c. ₹ 160
b. ₹ 180 d. ₹ 280
6. Find the side of the square whose perimeter is 60 m.
a. 15 m c. 150 m
b. 24 m d. 240 m
7. Find the value of $15 - (-23) + (-14) - 29 + 1$.
a. 9 c. 8
b. 11 d. - 4
8. The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly?
a. 25 cm c. 50 cm
b. 75 cm d. 100 cm
9. Which of the following statements is true?
a. The product of three odd numbers is always odd.
b. All the composite numbers are even numbers.
c. If an even number is divided by 2, the quotient is always odd.
d. The sum of two prime numbers is always even.
10. Cost of a dozen pens is ₹ 180 and cost of 8 ball pens is ₹ 56. Find the ratio of the cost of a pen to the cost of a ball pen.
a. 2:7 c. 15 : 37
b. 3 : 5 d. 15 : 7
11. If any one angle of a triangle is greater than 90° , then the triangle is called a/an triangle.
a. Obtuse Angled c. Acute Angled
b. Right Angled d. Equilateral
12. Find the cost of fencing of a rectangular park of length 175 m and breadth 125 m at the rate of ₹ 12.5 per metre
a. ₹ 5000 c. ₹ 6000
b. ₹ 7000 d. ₹ 7500
13. How many prime numbers are there between 10 and 90?
a. 20 c. 24
b. 25 d. 15
14. Which of the following statements is true?
a. A circle is a simple closed curve which is also a polygon.
b. Every point on the circle is at unequal distance from the centre.
c. A region in the interior of a circle enclosed by a chord and an arc is called a segment of the circle.
d. A diameter is a chord not passing through the centre of the circle.
15. Tampha had $\frac{5}{6}$ of a cake. She gave $\frac{1}{3}$ of what she had to her friend and then ate $\frac{1}{4}$ of the remainder herself. How much of the cake is left with her now?
a. $\frac{5}{12}$ c. $\frac{5}{7}$
b. $\frac{5}{9}$ d. $\frac{1}{6}$
16. Find the value of $125 \times 279 \times 16$
a. 2790000 c. 279000
b. 558000 d. 5582200
17. A portion of a line that starts at a point and extend endlessly in one direction is called a/an
a. Line segment c. Ray
b. Angle d. Sector
18. In a school, out of 45 students, 15 are girls. Find the ratio of the numbers of boys to the total numbers of students.
a. 1 : 2 c. 3 : 4
b. 2 : 3 d. 1 : 3
19. Rekha wants to cover the floor of a room 3 m wide and 4 m long with squared tiles. If each square tile is of side 0.5 m, then, find the number of tiles required to cover the floor of the room.
a. 24 c. 48
b. 56 d. 98

20. Find the equivalent fraction of $\frac{4}{9}$ having numerator 28

- a. $\frac{28}{9}$ c. $\frac{28}{18}$
b. $\frac{28}{36}$ d. $\frac{28}{63}$

SECTION B: SCIENCE

21. Which one does not include in Shoot System of Plants?

- a. Stem c. Root
b. Leaves d. Flowers

22. Which part of the flower do honeybees collect to make honey?

- a. Seeds c. Petals
b. Nectar d. All of these

23. A patient is suffering from scurvy. Which vitamin is the patient deficient in?

- a. Vitamin A c. Vitamin B1
b. Vitamin C d. Vitamin D

24. If you eat too much fat rich foods, you may suffer from _____

- a. Anaemia c. Obesity
b. Goiter d. Rickets

25. Choose the **WRONGLY** paired option.

Disease Symptoms

- a. Goiter: Swollen glands in neck
b. Rickets: Weak bones, tooth decay
c. Anaemia: Poor vision, Loss of vision
d. Scurvy: Bleeding gums

26. Which method is used to separate lighter components from heavier components in a mixture?

- a. Winnowing c. Filtration
b. Evaporation d. Sedimentation

27. During the process of condensation,

- a. Water converts into steam.
b. Water converts into ice.
c. Water vapour converts into liquid.
d. Ice converts into water.

28. What is the female reproductive part of a flower?

- a. Stamen c. Corolla
b. Calyx d. Pistil

29. Parallel Venation of leaf is not found in which plant?

- a. Banana c. Bamboo
b. Sugarcane d. Mustard

30. By which process do plants give out water vapour through their leaves?

- a. Photosynthesis c. Evaporation
b. Transpiration d. Reproduction

31. Which activity is not carried out by human being?

- a. Reproduction
b. Respiration
c. Photosynthesis
d. Adaptation

32. Biotic components of environment includes

- a. Plant, Animals, Light, Air, Soil
b. Lights, Soil, Air, water
c. Microorganism, Animals, Plants
d. Air, Water, Insects, Birds, Soil

33. Through the process of excretion, our body

- a. Removes waste and unwanted products from our body.
b. Reproduces young ones.
c. Distributes our bloods to other parts of the body.
d. All the above are correct

34. The correct sequence of lengths in increasing order is

- a. 5 cm, 17 m, 120 mm, 7 km
b. 16 mm, 35 cm, 50 m, 2 km
c. 5 km, 900m, 1200 cm, 890 mm
d. 7600m, 24 km, 2450 mm, 35 cm

35. The length of rope is 7.15 meter. Express it into millimeter.

- a. 71500 mm c. 7150 mm
b. 715 mm d. 0.715 mm

36. What will happen when light falls on a mirror?

- a. Light gets absorbed
b. Light passes through
c. Light gets reflected
d. Forms an image

37. Which of the following object can form a shadow?

- a. Transparent object
b. Translucent object
c. Opaque object
d. All of these

38. A pinhole camera works on which principle?

- a. Reflection of Light
b. Light travels in straight line
c. Light gets absorbed when it falls on a screen
d. Light is a form of energy

39. Choose the CORRECT statements:

- (i) A cell has two terminals
- (ii) Gold is an insulator
- (iii) Human body is a conductor.
- (iv) Switch provides energy to a circuit

- a. Both (i) and (ii) are true
- b. Both (ii) and (iv) are true
- c. Both (i) and (iii) are true
- d. Both (ii) and (iii) are true

40. Electric wires are covered with plastic because

- a. Plastic is a good conductor.
- b. Plastic is an insulator
- c. Plastic is very cheap
- d. Plastic is colourful

SECTION C: ENGLISH

41. What is the meaning of the word "GROVES"?

- a. Trees
- b. Herbs
- c. Plants
- d. Group of trees

42. _____ is the meaning of the word "MUTTERED"?

- a. Uttered in a low voice
- b. Single
- c. Speak
- d. Shouting

43. Synonym of the word "PROHIBIT" is _____.

- a. Liberty
- b. Replace
- c. Exile
- d. Forbid

44. _____ is the synonym of the word "ABSTAIN".

- a. Illegal
- b. Refrain
- c. Hope
- d. Replace

45. Antonym of the word "VALIANT" is _____.

- a. Cowardly
- b. Valiantly
- c. Slowly
- d. Defeat

46. _____ is the antonym of the word "DEFEAT".

- a. Severe
- b. Conquer
- c. Foolish
- d. Fall

47. Rearrange the following words to make a correct sentence.

Man the tiger shot the

- a. Man the shot the tiger.
- b. The tiger shot the man.
- c. The man shot the tiger.
- d. The man the tiger shot.

48. Pick out the WRONG sentence from the followings.

- a. The man was arrested by the police.
- b. Poets love the poor.
- c. Success cannot be achieved easily.
- d. The man arrested was the police.

49. Pick out all PROPER NOUNS in the following sentence.

"The Indian Ocean washes the feet of India."

- a. Indian
- b. India
- c. Ocean
- d. Indian ocean and India

50. "Sorrow eats up the life of a man." Mention the kind of the noun "SORROW".

- a. Common noun
- b. Proper noun
- c. Abstract noun
- d. Collective noun

51. What is the past participle form of the verb "BID"?

- a. Bid
- b. Bidden
- c. Bade
- d. Bidden

52. Change the following into PASSIVE VOICE: "Who taught you English?"

- a. By whom were you taught English?
- b. By whom are you taught English?
- c. By whom is English being taught?
- d. By whom will English be taught?

53. Change the following into ACTIVE VOICE: "A blue shirt is being stitched by her."

- a. She stitches a blue shirt.
- b. She stitched a blue shirt.
- c. She will stitch a blue shirt.
- d. She is stitching a blue shirt.

54. The SUPERLATIVE DEGREE of "good" is

- a. Well
- b. Better
- c. Good
- d. Best

55. What is the POSITIVE DEGREE of "least"?

- a. Less
- b. Late
- c. Little
- d. Last

56. "Moral education is a must for children." Identify ADJECTIVE in the given sentence.

- a. Education
- b. Must
- c. Children
- d. Moral

57. "Children are playing _____ a shady tree." Fill in the blank with an appropriate preposition.

- a. in
- b. on
- c. at
- d. beneath

58. "Rich are not always happy". Add 'the' to make the sentence a correct sentence.

- a. Rich are not always the happy.
- b. Rich are not the always happy.
- c. The rich are not always happy.
- d. The riches are not always happy.

59. "He is poor yet he is honest". Identify CONJUNCTION in the given sentence.

- a. He
- b. Yet
- c. Poor
- d. Honest

60. "The novel is _____ interesting". Add an appropriate ADVERB to complete the given sentence.

- a. not
- b. well
- c. slowly
- d. very

SECTION D: SOCIAL SCIENCE

61. Which planet is known as Sajik and Thaba in Maipuri?

- a. Mercury
- b. Earth
- c. Venus
- d. Mars

62. The Milky Way is a -

- a. Planet
- b. Star
- c. Satellite
- d. Galaxy

63. On June 21, the Sun is overhead at ____

- a. Equator
- b. Tropic of Capricorn
- c. North Pole
- d. Tropic of Cancer

64. Our state Manipur is located in which region?

- a. Frigid Zone
- b. Torrid Zone
- c. North Temperate Zone
- d. South Temperate Zone

65. The North America and the South America are connected by a narrow strip of land called _____

- a. Isthmus of Panama
- b. Panama Cannel
- c. The Park Strait
- d. Chicken Neck Corridor

66. Choose the wrong statement.

- a. The Mariana Trench is the deepest part of the entire ocean.
- b. Mt. McKinley is the highest peak in Africa.
- c. The Tibetan Plateau is known as the Roof of the World.
- d. The Andes Mountain is the longest mountain chain in the world.

67. Which one is NOT a tributary of Imphal River?

- a. The Nambul River
- b. The Thoubal River
- c. The Sekmai River
- d. The Iril River

68. Choose the CORRECT statements.

- (1) Mt. Iso (Tenipu) is the highest peak of Manipur.
- (2) Dzuko Valley is located in Tamenglong District.
- (3) In Manipur the lowest elevation is found in Jiribam.
- (4) Manipur enjoys a sub-tropical monsoon climate.

- a. Only (1) and (2) are correct.
- b. Only (1), (2) and (3) are correct.
- c. Only (1), (3) and (4) are correct.
- d. Only (2), (3) and (4) are correct.

69. Which pair is NOT correctly matched?

- a. Khoupum Valley: Noney District
- b. Dzuko Valley: Senapati District
- c. Sajik Tampak: Kakching District
- d. Cachar Valley: Jiribam

70. Meizailung is an account of the migration of the _____ community.

- a. Mao
- b. Meitei
- c. Kabui
- d. Tangkhul

71. Which one does not include in Oral History?

- a. Folklore
- b. Cheitharol Kumbaba
- c. Myths
- d. Legends

72. The study of the materials written on stone, metals etc. from the past is called _____

- a. Numismatics
- b. Epigraphy
- c. Archaeology
- d. Geology

73. Why didn't the New Stone Age men move from one place to other?

- a. They discovered fire.
- b. They began to practice agriculture.
- c. They domesticated animals.
- d. They painted on caves.

74. The Great Bath was found in

- a. Harappa
- b. Lothal
- c. Mohenjo-daro
- d. Surat

75. The Indus valley Civilization flourished during which period?

- a. 2500 BC – 1500 BC
- b. 1500 BC – 2500 BC
- c. 3500 BC – 500 BC
- d. 1000 BC – 1500 BC

76. Which country was earlier governed by Apartheid Laws?

- a. India
- b. South Africa
- c. Britain
- d. Germany

77. Which equality is involved in the principle of "One Man, One Vote"?

- a. Social Equality
- b. Religious Equality
- c. Economic Equality
- d. Political Equality

78. Which act provides new law of inheritance to sons, daughters and mothers can get equal share in their land properties?

- a. The 74th Amendment Act, 1993
- b. The Hindu Succession Amendment Act, 2005
- c. The Manipur Municipal Act, 1994
- d. The 42nd Amendment Act, 1986

79. What is the apex body rural local government?

- a. Gram Sabha
- b. State Government
- c. Zilla Parishad
- d. All the above

80. Panchayati Raj works in _____ levels.

- a. Village level
- b. District Level
- c. Block Level
- d. All the above

SECTION E: GENERAL AWARENESS

81. Which one of the following was NOT a Chief Minister of Manipur?

- a. Okram Ibobi
- b. W. Nipamacha
- c. N. Biren
- d. Bimol Akoijam

82. When was Jubraj Tikendrajit hanged?

- a. 21 January, 1891
- b. 13 August, 1891
- c. 14 August, 1891
- d. 23 April, 1891

83. Lui Ngain Ni is a festival of Naga people related to

- a. New year
- b. Seed harvesting
- c. Seed sowing
- d. War victory

84. Why do we celebrate Ningol Chakouba?

- a. To strengthen the bond between married women and their parental families.
- b. To mark beginning of the harvesting season.
- c. To strengthen the relation between hills and valley people
- d. To honour the war heroes of Manipur

85. Which one is not correctly matched?

- | <u>Festival</u> | <u>Day of Observation</u> |
|--------------------|---------------------------------|
| a. Khongjom Day | 23 April |
| b. Irabot Day | 30 September |
| c. Cheiraoba | 1 April |
| d. Ningol Chakouba | 2 nd Day of Hiyangei |

86. Boat Race is performed in which festival?

- a. Mera Hou Chongba
- b. Lui Ngai Ni
- c. Cheiraoba
- d. Heikru Hidongba

87. Identify the woman freedom fighter from Manipur who played a significant role in India's struggle for independence.

- a. Sorojini Naidu
- b. Rani Lakshmi Bai
- c. Rani Gaidinliu
- d. Indira Gandhi

88. Which institute is NOT located in Manipur?

- a. National Sports University
- b. Manipur University of Culture
- c. Indian Institute of Technology
- d. Central Agricultural University

89. The world famous Manipuri dance Ras Lila is related to

- a. Love story of Khamba & Thoibi
- b. Love story of Radha & Krishna
- c. Worship of Village deities
- d. Worship of our ancestral forefathers

90. In which year Manipur merged into the Indian Union?

- a. 1947
- b. 1948
- c. 1949
- d. 1951

91. Which one is NOT a tributary of the Barak River?

- a. The Irang River
- b. The Iril River
- c. The Makru River
- d. The Tuivang River

92. Which river of Manipur is known as TUREL ACHOUBA?

- a. Barak
- b. Iril
- c. Imphal
- d. Nambul

93. Elangbam Panthoi Chanu, a famous international player, is associated with which game?

- a. Kabaddi
- b. Weight lifting
- c. Football
- d. Boxing

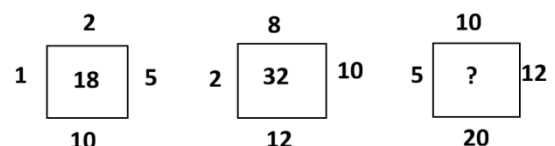
94. Which lake is NOT located in Manipur?

- a. Ikop Lake
- b. Zeilad Lake
- c. Loktak Lake
- d. Chilka Lake

95. Who wrote 'Sana Leipak Manipur' the state song of Manipur?

- a. Pahari
- b. Khun Joykumar
- c. B Jayenta Kumar Sharma
- d. Ratan Thiyam

96. Choose the missing number in the following box.



- a. 32
- b. 42
- c. 37
- d. 47

97. What is the next letter in the following series?

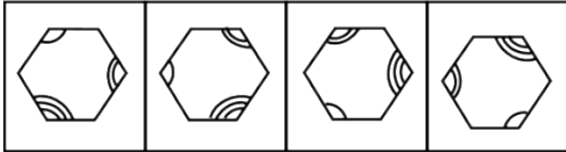
Z, X, V, T, R, _____

- a. O,
- b. P
- c. K
- d. N

98. Choose the number that is different from the others.

- a. 121
- b. 441
- c. 225
- d. 325

99. What will be the next figure in the following problem figure



a.



c.



b.



d.



100. If Doctor is for Patient;
Then, Teacher is for _____

- a. Student
- b. Book
- c. Class
- d. School