STATE LEVEL EXAM (2025 – 2026)

MATHS MARATHON Competition For Excellence	CLASS **5**

Total Questions : 100 **Total Marks : 100** **Time : 80 Minutes**

INSTRUCTIONS TO THE STUDENT'S

1. Please do not open this question paper unless you are instructed.
2. **Don't write anything on question paper, you can carry blank page for rough calculations**
3. Additional 5 minutes will be given to the candidates for filling up the student's details before the start of the competition.
4. The paper consists of 5 different chapters of the textbook.
5. All questions are compulsory and consist of equal marks.
6. Each question is carrying 1 mark; there is no negative marking.
7. There is only one correct answer, hence mark one answer only.
8. **Darken the circle on OMR sheet with blue/black ball pen only.**
9. **Return the answer sheet along with the question paper** to the supervisor at the end of the exam.

Name - _____

SCHOOL - _____

ROLL NO - _____ CLASS - _____

SECTION 1 - MULTIPLE AND FACTORS

1. What is a composite number?
   A) A number with exactly two factors B) A number with more than two factors
   C) A number with only one factor

2. Which of the following is a true statement about multiples of a number?
   A) They are always odd. B) They are always even.
   C) They can be either even or odd, depending on the number.

3. How many prime numbers are there between 40 and 70?
   A) 8 B) 7 C) 6

4. How many prime numbers are there between 50 and 70?
   A) 4 B) 5 C) 6

5. How many composite numbers are there between 90 and 100?
   A) 7 B) 6 C) 8

6. How many composite numbers are there between 40 and 50?
   A) 7 B) 8 C) 6

7. How many twin prime pairs are there between 1 and 50?
   A) 5 B) 6 C) 7

8. What is the difference between the members of any twin prime pair?
   A) 1 B) 2 C) 3

9. Which of the following pairs are co-prime?
   A) 8 and 14 B) 9 and 15 C) 5 and 11

10. Which of the following numbers is divisible by both 5 and 10?
    A) 45 B) 50 C) 65

11. What is the largest number under 100 divisible by both 3 and 4?
    A) 84 B) 72 C) 96

12. Which of the following numbers is divisible by both 9 and 12?
    A) 72 B) 81 C) 60

13. Which number is divisible by 6, 9, and 12?
    A) 45 B) 78 C) 108

14. What is the largest number under 300 divisible by 2, 3, and 7?
    A) 294 B) 210 C) 280

15. Which number is NOT divisible by 3, 6, and 9?
    A) 18 B) 27 C) 54

16. Which number is smallest and divisible by 4, 9, and 12?
    A) 72 B) 36 C) 84

17. Which number is larger and divisible by 6, 9, and 12?
A) 72 B) 84 C) 108

18. Which number is smaller and divisible by 6, 9, and 15?
A) 270 B) 180 C) 90

19. Which number is smaller and divisible by 4, 6, and 9?
A) 108 B) 72 C) 36

20. Which number is larger and divisible by 10, 12, and 15?
A) 240 B) 180 C) 120

SECTION 2 - DECIMAL FRACTIONS

21. Convert $4\frac{5}{8}$ to a decimal:
A) 4.625 B) 4.58 C) 4.75

22. Convert $8\frac{7}{10}$ to a decimal:
A) 8.6 B) 8.7 C) 8.8

23. What is the sum of 7.5 and 12.85?
A) 20.55 B) 20.45 C) 20.35

24. What is the sum of 4.56 and 2.44?
A) 7.00 B) 6.90 C) 7.10

25. A carpenter bought 25.50 meters of wood. After using 17.25 meters for a project, how much wood is left?
A) 8.35 meters B) 8.25 meters C) 8.45 meters

26. Lisa spent ₹8.75 on a book and ₹12.50 on a magazine. How much did she spend in total?
A) ₹21.25 B) ₹20.25 C) ₹20.75

27. Tom runs 5.25 miles on Saturday and 6.75 miles on Sunday. How many miles did Tom run over the weekend?
A) 12.00 miles B) 12.25 miles C) 12.50 miles

28. Emily buys a sandwich for ₹3.99 and a drink for ₹1.49. How much does she spend in total?
A) ₹5.68 B) ₹5.58 C) ₹5.48

29. What is 9.40 - 4.35?
A) 5.25 B) 5.05 C) 5.15

30. What is 20.25 - 3.15?
A) 17.10 B) 17.15 C) 17.00

31. Sarah has ₹50.00. She spends ₹23.85 on a book and ₹14.25 on lunch. How much money does she have left?
A) ₹13.00 B) ₹12.80 C) ₹11.90

32. A person has ₹45.60. They spent ₹28.75 on groceries. How much money do they have left?
A) ₹16.75 B) ₹16.85 C) ₹16.95

33. Rita bought 1.25 kg of sugar and 2.40 kg of rice. What is the total weight?
A) 3.55 kg B) 3.75 kg C) 3.65 kg

34. A pencil costs ₹12.75 and an eraser costs ₹3.50. How much money is spent in all?
A) ₹16.15 B) ₹16.35 C) ₹16.25

35. Meena ran 2.75 km in the morning and 1.8 km in the evening. What is the total distance she ran?
A) 4.45 km B) 4.55 km C) 4.65 km

36. Rita had ₹25.50. She spent ₹12.75. How much money is left?
A) ₹12.65 B) ₹12.75 C) ₹12.85

37. A milkman have 15.6 L of milk. 7.85 L was sold. What quantity of milk is left with milkman ?
A) 7.75 L B) 7.65 L C) 7.85 L

38. A shopkeeper had 8.75 kg of sugar. He sold 3.6 kg. What quantity of Sugar is left?
A) 5.05 kg B) 5.15 kg C) 5.25 kg

39. Ravi bought 1.25 kg, 2.50 kg, and 0.75 kg of fruits. What is the total weight of fruits Ravi bought?
A) 4.50 kg B) 4.25 kg C) 4.75 kg

40. Meena walked 1.6 km, 2.45 km, and 0.95 km in a day. What total distance Meena walked?
A) 4.90 km B) 5.10 km C) 5.00 km

SECTION 3 - MEASURING TIME

41. Convert 3:15 PM to the 24-hour clock.
A) 15:15 B) 16:15 C) 14:15

42. Convert 7:30 AM to the 24-hour clock.
A) 17:30 B) 07:30 C) 19:30

43. Convert 10:00 AM to the 24-hour clock.
A) 20:00 B) 22:00 C) 10:00

44. Convert 11:59 PM to the 24-hour clock.
A) 23:59 B) 00:59 C) 22:59

45. Add 2 hours 30 minutes to 5 hours 20 minutes. What is the total time?
A) 7 hours 40 minutes B) 7 hours 50 minutes C) 8 hours 10 minutes

46. Add 1 hour 50 minutes to 6 hours 30 minutes. What is the total time?
A) 8 hours 20 minutes B) 7 hours 50 minutes C) 9 hours 20 minutes

47. Add 6 hours 50 minutes to 8:20 PM. What is the time?
A) 2:10 AM B) 3:10 AM C) 4:10 AM

48. A flight departs at 7:40 AM and arrives at 10:25 AM. How much time is spent on the flight?
A) 2 hours 45 minutes B) 3 hours 5 minutes C) 2 hours 30 minutes

49. A cooking show starts at 4:00 PM and ends at 6:30 PM. How long did the show last?
A) 3 hours 30 minutes B) 3 hours C) 2 hours 30 minutes

50. A marathon starts at 7:00 AM and finishes at 10:30 AM. How long did the marathon last?
A) 3 hours B) 3 hours 30 minutes C) 2 hours 45 minutes

51. A train leaves at 9:15 AM and reaches its destination at 11:40 AM. How long is the journey?
A) 3 hours 25 B) 2 hours 20 minutes C) 2 hours 25 minutes

52. A football match started at 5:00 PM and ended at 7:45 PM. How long was the match?
A) 2 hours B) 2 hours 30 minutes C) 2 hours 45 minutes

53. A school day starts at 8:00 AM and ends at 3:30 PM. How long is the school day?
A) 7 hours B) 7 hours 30 minutes C) 8 hours

54. A workshop started at 9:00 AM and ended at 4:00 PM. How long was the workshop?
A) 7 hours B) 6 hours C) 8 hours

55. A bus journey takes 2 hours. If the bus starts at 10:30 a.m., when will it reach?
A) 12:15 p.m. B) 12:45 p.m. C) 12:30 p.m.

56. A football match lasts 1 hour 30 minutes. If it starts at 4:00 p.m., when does it end?
A) 5:15 p.m. B) 5:30 p.m. C) 5:45 p.m.

57. School begins at 8:45 a.m. If Reena reaches school at 8:30 a.m., how early is she?
A) 15 minutes B) 10 minutes C) 20 minutes

58. A movie begins at 6:20 p.m. and finishes at 8:05 p.m. What is the duration of the movie?
A) 1 hour 35 minutes B) 1 hour 45 minutes C) 2 hours

59. Ravi started homework at 4:30 p.m. and finished at 5:10 p.m. Find the time taken.
A) 30 minutes B) 35 minutes C) 40 minutes

60. Rohit studies from 6:15 p.m. to 7:00 p.m. How long does he study?
A) 35 minutes B) 40 minutes C) 45 minutes

SECTION 4 - PROBLEMS ON MEASUREMENT

61. Subtract ₹14 and 60 paise from ₹20 and 50 paise.
A) ₹5 and 90 paise B) ₹5 and 70 paise C) ₹5 and 80 paise

62. Add 9 m 90 cm and 6 m 30 cm.
A) 15 m 20 cm B) 16 m 0 cm C) 16 m 20 cm

63. Add 7 kg 500 g and 4 kg 250 g.
A) 12 kg 0 g B) 11 kg 750 g C) 12 kg 250 g

64. Add 15 L 675 mL and 9 L 425 mL.
A) 25 L 100 mL B) 24 L 10 mL C) 25 L 10 mL

65. Subtract 6 km 750 m from 15 km 200 m.
A) 8 km 450 m B) 8 km 350 m C) 8 km 150 m

66. A shopkeeper has ₹500 & 75 Paise. He receives ₹450 and 25 Paise. How much money he have?
A) ₹951 and 25 Paise B) ₹951 and 00 Paise C) ₹951 and 50 Paise

67. A wire is 45 m 60 cm long. Another wire is 35 m 90 cm long. Find total length of both wires?
A) 81 m 50 cm B) 81 m 60 cm C) 81 m 25 cm

68. A cloth piece is 10 m 50 cm long. After using 3 m 75 cm, how much cloth is left?
A) 6 m 75 cm B) 6 m 25 cm C) 6 m 50 cm

69. A parcel weighs 7 kg 800 g. Another parcel weighs 6 kg 950 g. Find total weight of both parcels?
A) 14 kg 850 g B) 14 kg 650 g C) 14 kg 750 g

70. A tank contains 18 L 500 ml of water. After using 7 L 750 ml, how much water is left in the tank?
A) 11 L 000 ml B) 10 L 500 ml C) 10 L 750 ml

71. A pool has 50 L 400 ml of water. After draining 18 L 300 ml, how much water remains in pool?
A) 32 L 200 ml B) 32 L 100 ml C) 32 L 000 ml

72. A rope is 3 m 45 cm long. Another rope is 2 m 55 cm long. What is the total length of ropes?
A) 5 m 90 cm B) 6 m 00 cm C) 6 m 10 cm

73. A bag weighs 4 kg 750 g. Another bag weighs 3 kg 250 g. What are the total weights of bags ?
A) 7 kg 900 g B) 8 kg 100 g C) 8 kg 000 g

74. A milk can has 6 L 500 mL of milk. 2 L 750 mL is sold. What quantity of milk is left?
A) 3 L 650 mL B) 3 L 750 mL C) 3 L 850 mL

75. A cloth roll is 10 m long. A tailor used 4 m 85 cm. What quantity of cloth is left?
A) 5 m 15 cm B) 5 m 05 cm C) 5 m 25 cm

76. A fruit seller sold 2 kg 400 g apples and 1 kg 600 g oranges. What is the total weight sold ?
A) 3 kg 900 g B) 4 kg 100 g C) 4 kg 000 g

77. A water tank had 12 L of water. 3 L 750 mL more water was added. Total water = ?
A) 15 L 750 mL B) 15 L 500 mL C) 16 L 250 mL

78. A boy walks 1 km 250 m in the morning and 750 m in the evening. Total distance walked = ?
A) 1 km 900 m B) 2 km 000 m C) 2 km 100 m

79. A packet weighs 5 kg. After removing 1 kg 850 g, what is the new weight?
A) 3 kg 150 g B) 3 kg 050 g C) 3 kg 250 g

80. A ribbon is 7 m 20 cm long. 2 m 95 cm is cut off. Find the length of ribbon left ?
A) 4 m 25 cm B) 4 m 15 cm C) 4 m 35 cm

SECTION 5 – PERIMETER AND AREA

81. Which of the following units is appropriate for measuring area?
A) Centimeters (cm) B) Square meters (m^2) C) Kilometers (km)

82. Which formula is used to calculate the area of a rectangle?
A) Length × Width B) 2 × (Length + Width) C) Side × Side

83. Which formula is used to calculate the perimeter of a rectangle?
A) 4 × length B) 2 × (length + width) C) length + width

84. The side of a square is 8 m. Find its perimeter.
A) 32 m B) 24 m C) 40 m

85. The side of a square is 12 m. Find its perimeter.
A) 48 m B) 64 m C) 144 m

86. A rectangle has a length of 20 m and a width of 12 m. Calculate its perimeter.
A) 52 m B) 40 m C) 64 m

87. The length and width of a rectangle are 15 m and 10 m, respectively. What is its area?
A) 150 m^2 B) 100 m^2 C) 200 m^2

88. A square playground has a side length of 20 m. How much fencing is required to enclose it?
A) 60 m B) 100 m C) 80 m

89. A rectangular garden has a length of 10 m & width of 6 m. What is the perimeter of the garden?
A) 16 m B) 32 m C) 40 m

90. The perimeter of a rectangular room is 48 m. If its width is 8 m, what is its length?
A) 14 m B) 12 m C) 16 m

91. A square office has a side length of 20 feet. What is the area of the office?
A) 300 ft^2 B) 400 ft^2 C) 500 ft^2

92. A rectangular swimming pool is 25 meters long and 10 meters wide. What is its area?
A) 225 m^2 B) 200 m^2 C) 250 m^2

93. A rectangular wall has a length of 8 meters and a width of 4 meters. What is the area of the wall?
A) 40 m^2 B) 32 m^2 C) 20 m^2

94. A garden is 12 m long and 5 m wide. What is its perimeter?
A) 34 m B) 30 m C) 60 m

95. A floor is 10 m long and 6 m wide. Find its area.
A) 16 sq m B) 60 sq m C) 120 sq m

96. A rectangle has perimeter 36 cm. If its length is 10 cm, what is its breadth?
A) 6 cm B) 16 cm C) 8 cm

97. A square playground has side 15 m. What is its area?
A) 60 sq m B) 150 sq m C) 225 sq m

98. A rectangle has area 48 sq cm and breadth 6 cm. What is its length?
A) 6 cm B) 8 cm C) 10 cm

99. The length and breadth of a rectangle are 9 cm and 7 cm. What is the difference between perimeter and area?
A) 14 B) 16 C) 31

100. The perimeter of a rectangle is 48 cm. If its length is 14 cm, what is its breadth?
A) 8 cm B) 10 cm C) 12 cm

ANSWER

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