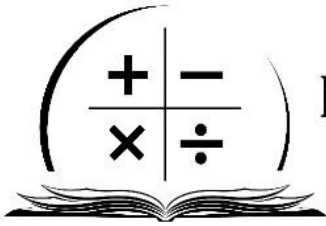


SCHOOL LEVEL EXAM (2025 – 2026)



MATHS MARATHON
Competition For Excellence

CLASS

6

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 with dark pencil or 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 - _____

15. What is the measure of each interior angle of a regular hexagon?
A) 60 degrees B) 90 degrees C) 120 degrees
16. Which of the following angles is a reflex angle?
A) 130 degrees B) 220 degrees C) 145 degrees
17. In a triangle, what is the sum of the measures of the interior angles ?
A) 90 degrees B) 180 degrees C) 360 degrees
18. What is the measure of the angle formed when a ray is rotated halfway around its endpoint?
A) 90 degrees B) 180 degrees C) 360 degrees
19. If one angle in a pair of vertical angles measures 100 degrees, what is the measure of its adjacent angle?
A) 100 degrees B) 180 degrees C) 80 degrees
20. What is the measure of a full angle?
A) 90 degrees B) 180 degrees C) 360 degrees

SECTION 2 - INTEGERS

21. Which integer is greater, -5 or -8?
A) -5 B) -8 C) Both are equal
22. Which of the following integers is the smallest?
A) -2 B) -1 C) 0
23. What is the sum of -2, -4, and -7?
A) -15 B) -13 C) -9
24. What is the result of $(-5) + 3$?
A) -2 B) 2 C) -8
25. What is the opposite of -25?
A) -25 B) 25 C) 0
26. What is $(-14) - (-6) + 8$ equals _____.
A) -6 B) -4 C) 0
27. What is the sum of -8, 12, and -5?
A) -1 B) -5 C) 1

28. What is the difference of -15 and -10?
A) -25 B) 5 C) -5
29. The result of $(-12) + (-5) - 3$ is _____.
A) -20 B) -10 C) -4
30. $(-15) - (-4) + 9$ equals _____.
A) -2 B) 10 C) 22
31. What is the sum of -10, -5, and 3?
A) -10 B) -12 C) -11
32. What is the result of $(-5) + 7 + (-3)$?
A) 1 B) 0 C) -1
33. What is the result of $(-7) - 3 - (-2)$?
A) -8 B) -9 C) -7
34. What is the difference of 9 and -3?
A) -19 B) 12 C) 17
35. The sum of -5, 3, and -7 is _____.
A) -9 B) 1 C) -15
36. The result of $(-8) + (-4) + 5$ is _____.
A) -1 B) -17 C) -7
37. The _____ of -10 and -7 is -17.
A) sum B) difference C) product
38. The opposite of 18 is _____.
A) 18 B) -18 C) 0
39. The result of $(-7) + 5 - (-3)$ is _____.
A) -9 B) 9 C) 1
40. $(-10) + (-2) - (-6)$ equals _____.
A) -2 B) -6 C) -14

SECTION 3 - FRACTIONS AND DECIMAL FRACTIONS

41. What is $2\frac{5}{6}$ as an improper fraction?

A) $\frac{17}{6}$

B) $\frac{6}{13}$

C) $\frac{13}{6}$

42. Convert $7\frac{2}{9}$ into an improper fraction.

A) $\frac{9}{2}$

B) $\frac{9}{7}$

C) $\frac{65}{9}$

43. Convert $2\frac{3}{4}$ into an improper fraction.

A) $\frac{11}{4}$

B) $\frac{4}{11}$

C) $\frac{11}{2}$

44. $2\frac{1}{4}$ as an improper fraction is:

A) $\frac{5}{4}$

B) $\frac{4}{9}$

C) $\frac{9}{4}$

45. A recipe calls for $\frac{3}{4}$ cup of flour. If Lucy wants to make 2 batches of the recipe, how many cups of flour does she need in total?

A) $\frac{3}{2}$ cups

B) $\frac{1}{4}$ cup

C) $\frac{3}{8}$ cup

46. A hose fills $\frac{2}{5}$ of a tank in 1 hour. How many hours will it take to fill $\frac{3}{5}$ of the tank ?

A) 2.5 hours

B) 1.5 hours

C) 3.75 hour

47. Sarah baked $3\frac{1}{2}$ pies for a party and $2\frac{3}{4}$ pies for a family gathering. How many pies did she bake in total?

A) $6\frac{1}{4}$ pies

B) $6\frac{3}{4}$ pies

C) $5\frac{1}{24}$ pies

48. Mike's bike ride took $4\frac{2}{3}$ hours on Saturday and $2\frac{3}{4}$ hours on Sunday. How much time did he spend biking over the weekend?

A) $7\frac{5}{6}$ hours

B) $7\frac{1}{2}$ hours

C) $7\frac{5}{12}$ hours

49. If $\frac{3}{8}$ is multiplied by $\frac{4}{5}$, the result is:

A) $\frac{7}{10}$

B) $\frac{3}{10}$

C) $\frac{12}{40}$

50. If $\frac{3}{4}$ is multiplied by $\frac{2}{3}$, the product is:

A) $\frac{1}{2}$

B) $\frac{3}{8}$

C) $\frac{3}{4}$

51. If a board is $\frac{3}{5}$ meter long and $\frac{2}{3}$ meter wide, what is its area?

A) $\frac{5}{9}$ square meters

B) $\frac{2}{5}$ square meters

C) $\frac{1}{2}$ square meters

52. A recipe calls for $\frac{3}{4}$ cup of milk and $\frac{1}{3}$ cup of sugar. How much milk do you need if you use twice the amount of sugar?

- A) $\frac{1}{6}$ cup B) $\frac{3}{2}$ cup C) $\frac{3}{8}$ cup

53. What is $\frac{5}{6}$ divided by $\frac{1}{3}$?

- A) $\frac{5}{18}$ B) $\frac{3}{2}$ C) $\frac{5}{2}$

54. John wants to divide $\frac{4}{7}$ of a pie equally among $\frac{1}{4}$ of his family members. How much pie does each family member receive?

- A) $\frac{4}{28}$ of the pie B) $\frac{1}{7}$ of the pie C) $\frac{16}{7}$ of the pie

55. If $6.4 - 2.8 = x$, what is the value of x ?

- A) 3.6 B) 4.6 C) 3.8

56. If $8.4 + 3.6 = x$, what is the value of x ?

- A) 11.0 B) 12.0 C) 11.6

57. What is 0.6×0.75 ?

- A) 0.45 B) 0.045 C) 4.5

58. 7.6×0.6 equals:

- A) 45.6 B) 4.6 C) 4.56

59. Jane bought 2.75 kg of apples and 1.5 kg of oranges. How much fruit did she buy in total?

- A) 4.15 kg B) 4.35 kg C) 4.25 kg

60. John walked 2.5 kilometers in the morning and 1.8 kilometers in the evening. How far did he walk in total?

- A) 4.3 kilometers B) 3.7 kilometers C) 4.2 kilometers

SECTION 4 - DIVISIBILITY

61. Which of the following numbers is divisible by 5?

- A) 80 B) 67 C) 52

62. Which of the following numbers is divisible by 9?

- A) 46 B) 55 C) 63

63. Which of the following numbers is divisible by 4 but not by 8?

- A) 36 B) 16 C) 40

64. Which of the following numbers is divisible by both 7 and 14?
A) 29 B) 35 C) 42
65. Which of the following numbers is divisible by both 4 and 9?
A) 27 B) 36 C) 45
66. Which of the following numbers is divisible by both 8 and 12?
A) 24 B) 36 C) 50
67. Which of the following numbers is divisible by 6, 8, and 10?
A) 24 B) 40 C) 120
68. Which of the following numbers is divisible by 2, 3, and 9?
A) 27 B) 24 C) 18
69. Is 79 divisible by 9?
A) Yes B) No C) Sometimes
70. Which of the following numbers is divisible by 5, 6, and 10?
A) 20 B) 30 C) 40
71. Which of the following numbers is NOT divisible by both 6 and 12?
A) 24 B) 36 C) 45
72. Which of the following numbers is divisible by both 5 and 8?
A) 360 B) 427 C) 512
73. Which of the following numbers is divisible by both 13 and 17?
A) 187 B) 221 C) 238
74. Which of the following numbers is divisible by both 22 and 28?
A) 616 B) 726 C) 812
75. Which of the following numbers is NOT divisible by both 30 and 45?
A) 630 B) 675 C) 720
76. Which of the following numbers is NOT divisible by both 4 and 9?
A) 126 B) 144 C) 108
77. Which of the following numbers is divisible by both 7 and 8?
A) 196 B) 182 C) 168

78. Which of the following numbers is divisible by both 21 and 28?

- A) 294 B) 273 C) 252

79. Which of the following numbers is divisible by both 75 and 90?

- A) 675 B) 900 C) 825

80. Which of the following numbers is divisible by both 180 and 210?

- A) 3150 B) 3780 C) 4200

SECTION 5 - HCF AND LCM

81. Determine the HCF of 15 and 20.

- A) 3 B) 5 C) 15

82. Calculate the HCF of 50 and 75.

- A) 5 B) 10 C) 25

83. Find the HCF of 75 and 100.

- A) 25 B) 15 C) 5

84. Determine the HCF of 66 and 121.

- A) 9 B) 18 C) 11

85. Find the HCF of 112 and 168.

- A) 8 B) 56 C) 32

86. Determine the HCF of 120 and 180.

- A) 60 B) 20 C) 30

87. A delivery van visits a location every 12 days, another van visits every 18 days, and a third van visits every 24 days. How often will all vans visit on the same day?

- A) Every 24 days B) Every 36 days C) Every 72 days

88. A car passes a particular point every 6 hours, a bicycle every 8 hours, and a jogger every 12 hours. How often will they all pass the point together?

- A) 24 B) 12 C) 48

89. Find the HCF of 56, 84, and 112.

- A) 4 B) 8 C) 28

90. Calculate the HCF of 30, 45, and 60.

- A) 5 B) 15 C) 30

91. What is the LCM of 8 and 12?

A) 24

B) 16

C) 48

92. Find the LCM of 22 and 33.

A) 44

B) 66

C) 88

93. Find the LCM of 35 and 50.

A) 70

B) 350

C) 150

94. Find the LCM of 36 and 48.

A) 72

B) 96

C) 144

95. Find the LCM of 72 and 90.

A) 144

B) 180

C) 360

96. What is the LCM of 108 and 144?

A) 432

B) 288

C) 216

97. Find the LCM of 144 and 180.

A) 288

B) 720

C) 432

98. Find the LCM of 192 and 240.

A) 960

B) 480

C) 576

99. A farmer needs to water his fields every 18 days, while another farmer waters his fields every 24 days. If they both watered their fields today, after how many days will they water their fields on the same day again?

A) 36

B) 72

C) 144

100. Peter receives his allowance every 12 days, while his sister receives hers every 15 days. If both of them received their allowances today, after how many days will they receive their allowances on the same day again?

A) 30

B) 60

C) 120

ANSWER

Q.No	ANS	Q.No	ANS	Q.No	ANS	Q.No	ANS	Q.No	ANS
1	C	21	A	41	A	61	A	81	B
2	C	22	A	42	C	62	C	82	C
3	B	23	B	43	A	63	A	83	A
4	C	24	A	44	C	64	C	84	C
5	C	25	B	45	A	65	B	85	B
6	B	26	C	46	B	66	A	86	A
7	C	27	A	47	A	67	C	87	C
8	B	28	C	48	C	68	C	88	A
9	A	29	A	49	B	69	B	89	C
10	A	30	A	50	A	70	B	90	B
11	B	31	B	51	B	71	C	91	A
12	A	32	C	52	B	72	A	92	B
13	C	33	A	53	C	73	B	93	B
14	A	34	B	54	C	74	A	94	C
15	C	35	A	55	A	75	B	95	C
16	B	36	C	56	B	76	A	96	A
17	B	37	A	57	A	77	C	97	B
18	B	38	B	58	C	78	C	98	A
19	C	39	C	59	C	79	B	99	B
20	C	40	B	60	A	80	B	100	B