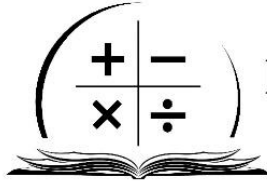


SCHOOL LEVEL EXAM (2024 – 2025)

 MATHS MARATHON Competition For Excellence	CLASS 6	
Total Questions : 50	Total Marks : 100	Time : 1 hour

INSTRUCTIONS TO THE STUDENT'S

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

Name - _____

SCHOOL - _____

ROLL NO - _____ CLASS - _____

27. 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

28. 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

29. What is $\frac{2}{3} \div \frac{1}{4}$?

- A) $\frac{8}{3}$ B) $\frac{8}{12}$ C) $\frac{6}{5}$

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

- A) 11.0 B) 12.0 C) 11.6

31. Which of the following numbers is divisible by both 2 and 5?

- A) 35 B) 40 C) 57

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

- A) 24 B) 32 C) 36

33. Which of the following numbers is divisible by both 13 and 17?

- A) 187 B) 221 C) 238

34. Which of the following numbers is divisible by both 200 and 225?

- A) 4000 B) 7200 C) 5000

35. Which of the following numbers is divisible by both 25 and 20?

- A) 500 B) 525 C) 555

36. Which of the following numbers is divisible by 3, 4, and 6?

- A) 18 B) 24 C) 30

37. Which of the following numbers is divisible by 8?

- A) 72 B) 81 C) 98

38. Which of the following numbers is divisible by both 5 and 7?

- A) 35 B) 42 C) 56

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

- A) 27 B) 35 C) 42

40. Which of the following numbers is divisible by 2, 3, and 9?

- A) 27 B) 24 C) 18

41. Calculate the HCF of 28 and 35.

- A) 2 B) 7 C) 14

42. Determine the HCF of 36 and 54.

- A) 6 B) 9 C) 18

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

- A) 5 B) 15 C) 30

44. A factory produces products on an assembly line every 15 days, another line every 18 days, and yet another every 24 days. How often will all lines produce products on same day?

- A) Every 300 days B) Every 360 days C) Every 720 days

45. Calculate the LCM of 18 and 27.

- A) 54 B) 36 C) 72

46. What is the LCM of 12 and 15?

- A) 60 B) 30 C) 45

47. A bus company has two routes. Route A runs every 20 days, while Route B runs every 25 days. If both routes start today, after how many days will they both start on the same day again?

- A) 50 B) 100 C) 200

48. Determine the LCM of 200 and 250.

- A) 500 B) 400 C) 1000

49. A factory produces three types of products. Product A is produced every 6 days, Product B every 8 days, and Product C every 10 days. How often will all three products be produced on the same day?

- A) Every 120 days B) Every 124 days C) Every 140 days

50. A bus route operates every 15 minutes, another route every 20 minutes, and a third route every 30 minutes. How often will all three routes coincide at the same bus stop?

- A) Every 120 minutes B) Every 180 minutes C) Every 60 minutes

ANSWER SECTION

No.	Ans	No.	Ans	No.	Ans	No.	Ans	No.	Ans
1	A	11	B	21	C	31	B	41	B
2	B	12	A	22	A	32	C	42	C
3	B	13	C	23	C	33	B	43	B
4	C	14	A	24	A	34	B	44	B
5	C	15	C	25	C	35	A	45	A
6	B	16	A	26	A	36	B	46	A
7	A	17	A	27	C	37	A	47	B
8	B	18	A	28	A	38	A	48	C
9	B	19	A	29	A	39	B	49	A
10	C	20	A	30	B	40	C	50	C