CLASS VI MATHEMATICS SAMPLE PAPER – 2

Time: 3 Hours **Maximum Marks:** 80

Instructions
1. Attempt all questions.
2. Show all necessary working.
3. Calculators are not allowed.
4. Figures not to scale unless stated.

Section A – MCQs (1 mark each)

1. Greatest 5-digit number is ____.

2. Which is divisible by 9? (a)729 (b)725 (c)713 (d)701

3. 0.75 = ____/100

4. An angle greater than 90° but less than 180° is called ____.

5. Which shape has only one curved edge?

6. Roman numeral for 49 is ____.

7. 3×(8+5)= ?

8. The denominator of 7/9 is ____.

9. The perimeter is measured in ____.

10. Which is an even prime number?

Section B – Very Short Answer (2 marks each)

11. Write all factors of 48.

12. Find HCF of 24 and 36.

13. Expand 70,506 in place value form.

14. Convert 4.25 km to metres.

15. Draw an acute angle.

Section C – Short Answer (3 marks each)

16. Add 56,789 and 24,698.

17. Subtract 84,905 from 1,25,000.

18. Multiply 438 by 27.

19. Divide 2,940 by 35.

20. Arrange 2/5, 3/10, 1/2 in ascending order.

21. A ribbon 12.5 m is cut into 5 equal parts. Find each part.

Section D – Long Answer (5 marks each)

22. A library bought 248 science books, 376 maths books and 289 English books. Find the total and books remaining after issuing 415.

23. A rectangular park measures 48 m × 35 m. Find perimeter and area.

24. Prepare a tally table and bar graph for: 8,10,7,5,10,9,8,7,6,10.

Section E – HOTS/Application

25. Explain two methods to check whether 5,832 is divisible by both 2 and 3.

26. A square and rectangle each have perimeter 32 cm. Give one possible rectangle and compare its area with the square.

Syllabus Coverage: Knowing Our Numbers, Whole Numbers, Playing with Numbers, Basic Geometry, Elementary Shapes, Fractions, Decimals, Data Handling, Mensuration, Algebra (patterns), Practical Arithmetic.