

Grade 5 - Final Exam

Practice Paper 1

Mathematics

Based on Maharashtra Board Syllabus (NEP 2025-26) - Full Syllabus

Instructions:

- Duration: 2 hours
- Maximum marks: 50
- All questions are compulsory
- Show all your working clearly

Section A: Number Systems and Operations (10 Marks)

1. Solve the following:

[5 marks]

a) Add: $1,23,456 + 7,89,012 =$ _____

b) Subtract: $9,87,654 - 3,21,098 =$ _____

c) Multiply: $456 \times 78 =$ _____

d) Divide: $8,760 \div 15 =$ _____

e) Write the expanded form of 5,09,876. = _____

2. Answer the following:

[5 marks]

- a) Find the HCF of 30 and 45. = _____
- b) Find the LCM of 8 and 12. = _____
- c) Write the smallest 6-digit number. = _____
- d) Round off 7,856 to the nearest hundred. = _____
- e) Which is greater: 5,67,890 or 5,67,980? = _____

Section B: Fractions and Decimals (10 Marks)

3. Solve the following:

[5 marks]

- a) $3/5 + 1/10 =$ _____
- b) $7/8 - 1/4 =$ _____
- c) $2/3 \times 9/10 =$ _____
- d) $4/7 \div 8/14 =$ _____
- e) Convert 0.65 to a fraction in simplest form. = _____

4. Solve the following:

[5 marks]

- a) $12.34 + 5.67 =$ _____
- b) $25.8 - 10.95 =$ _____
- c) $3.5 \times 0.2 =$ _____
- d) $7.2 \div 0.9 =$ _____
- e) Arrange in ascending order: 0.3, $1/4$, 0.5, $1/2 =$ _____

Section C: Geometry and Measurement (10 Marks)

5. Answer the following:

[5 marks]

- a) Calculate the area of a square with perimeter 36 cm. = _____ sq cm
- b) Find the perimeter of a rectangle with length 20 cm and area 100 sq cm. = _____ cm
- c) What is the measure of a straight angle? = _____ degrees
- d) Classify the angle measuring 150 degrees. = _____ angle
- e) How many vertices does a pentagon have? = _____

6. Convert the following:

[5 marks]

- a) 4 km to meters. = _____ m
- b) 6 liters to milliliters. = _____ ml
- c) 3 kg 500 g to grams. = _____ g
- d) 2 hours 45 minutes to minutes. = _____ minutes
- e) ₹500 paise to rupees. = ₹ _____

Section D: Percentages, Interest, Data Handling & Word Problems (20 Marks)

7. Answer the following:

[5 marks]

- a) Convert 75% to a decimal. = _____
- b) What is 25% of 800? = _____

c) If an item is bought for ₹400 and sold for ₹460, find the profit percentage. = _____ %

d) Calculate the simple interest on ₹3000 at 6% per annum for 2 years. = ₹ _____

e) If a shopkeeper sells an item for ₹500 and makes a profit of ₹50, what was the cost price? = ₹ _____

8. Look at the bar graph showing the favourite colours of students and **[5 marks]** answer the questions:

[Imagine a bar graph: Colours (Red, Blue, Green, Yellow) on x-axis, Number of Students (0-20) on y-axis. Example data: Red-15, Blue-20, Green-10, Yellow-5]

a) Which colour is the most popular? = _____

b) How many students like Green? = _____ students

c) What is the difference between the number of students who like Blue and Yellow? = _____ students

d) What is the total number of students surveyed? = _____ students

e) If 2 more students liked Red, what would be the count for Red? = _____ students

9. A rectangular field is 50 meters long and 30 meters wide. Find the **[5 marks]** cost of fencing it at the rate of ₹150 per meter.

Answer = ₹ _____

10. A tank contains 500 liters of water. If 30% of the water is used, how **[5 marks]** much water is left in the tank?

Answer = _____ liters

End of Practice Paper 1

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