First Term Test — Practice Paper
Primary 6 Mathematics

Name: _____ Time allowed: **50 minutes**

Class: _____ No.: _____ Date: _____

No. of pages: **5**

Section A: 16%

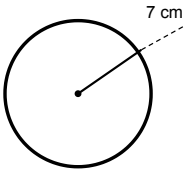
1. $2.4 \times 0.5 = ?$ 1. _____
2. $\frac{3}{4} \div \frac{1}{2} = ?$ 2. _____
3. 45% of 80 = ? 3. _____
4. $7.2 \div 0.9 = ?$ 4. _____
5. $\frac{5}{6} - \frac{1}{3} = ?$ 5. _____
6. $1.25 \times 8 = ?$ 6. _____
7. $12 \times 3.14 = ?$ 7. _____
8. $\frac{2}{5} \times 15 = ?$ 8. _____

Section B: 20%

1. Change 0.375 into a percentage. 1. _____
2. Find the value of 12% of 250. 2. _____
3. The radius of a circle is 5 cm. Find its circumference. (Take $\pi = 3.14$) 3. _____
4. The radius of a circle is 4 cm. Find its area. (Take $\pi = 3.14$) 4. _____
5. A car travels 120 km in 2 hours. Find its average speed. 5. _____
6. Change 1/4 into a percentage. 6. _____
7. Find the volume of a cuboid 5 cm by 4 cm by 3 cm. 7. _____
8. Find the total surface area of a cube of side 3 cm. 8. _____
9. How many factors does 12 have? 9. _____
10. How many minutes are there from 8:45 to 11:15? 10. _____

Section C: 30%

1 The radius of a circle is 7 cm. Find its circumference. (Take π = 3.14) (3%) 1 _____



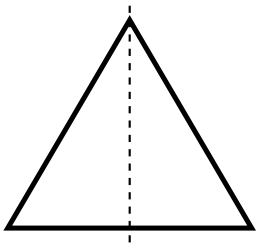
2 The diameter of a circle is 10 cm. Find its area. (Take π = 3.14) (3%) 2 _____

3 What fraction of the figure is shaded? (3%) 3 _____

4 There are 40 pupils in a class. 60% of them are girls. How many girls are there? (3%) 4 _____

5 A tank is 50 cm long, 30 cm wide and 40 cm high. Find its volume in litres. (3%) 5 _____

6 How many lines of symmetry does an equilateral triangle have? (3%) 6 _____



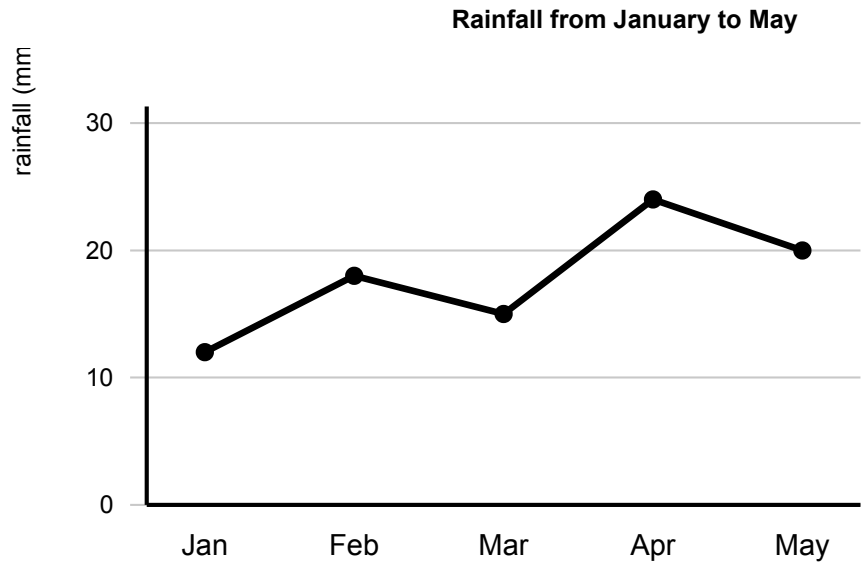
7 A cyclist travels 36 km in 45 minutes. Find his average speed in km/h. (4%) 7 _____

8 A tank holds 45 L. 60% of it is filled with water. How many litres of water are there? (4%) 8 _____

9 $\frac{2}{3} + \frac{1}{6} - \frac{1}{2} = ?$ (4%) 9 _____

Section D: 10%

Study the line graph and answer the questions.



1. In which month was the rainfall the highest? 1. _____
2. What was the difference in rainfall between April and January? 2. _____
3. What was the total rainfall from January to May? 3. _____
4. What was the average rainfall per month? 4. _____
5. By how much did the rainfall increase from February to April? 5. _____

Section E: 24% (Show all working steps)

1. A train travels 315 km in 3.5 hours. Find its average speed. (4%)

2. A circular flower bed has a radius of 6 m. How many metres of fencing are needed to go round it? (Take $\pi = 3.14$) (4%)

3. A water tank is 60 cm long, 40 cm wide and 50 cm high. How many litres of water can it hold? (4%)

4. A car travels 175 km in 2.5 hours. Find its average speed. (4%)

5. There are 45 pupils in a class. 2/5 of them are boys. How many boys are there? (4%)

6. A cuboid is 25 cm long, 12 cm wide and 8 cm high. Find its volume in litres. (4%)

End of Paper