

Half-yearly Examination - 2016-2017
MATHEMATICS

Time : 2 Hrs. 15 min

F. M. : 80

Std. : V

Section A (1x10=10)

Q1. Mental Maths

1. 70 mm = _____ cm
2. 27 m = _____ cm
3. 6 dm 5 cm 8 mm = _____ m
4. 9000 ml = _____ L
5. $\frac{1}{10}$ g = _____ mg
6. 2 m = _____ mm
7. 21.89 g = 2 dag 1 g 8 dg 9 cm. True or false
8. 1 cm 9 mm + 1 mm = _____ cm
9. What unit of length is $\frac{1}{1000}$ m?
10. The normal serving of juice for one person at breakfast would be : Tick (✓) the correct answer.
a. 20 ml b. 200 ml c. 750 ml d. 1 litre

Q2. Tick (✓) the correct answer.

(10)

1. 59.8 m = a. 0.598 cm b. 5980 cm c. 5.98 cm d. 5.98 cm
2. 79 g = a. 0.7 kg b. 7900 kg c. 0.079 kg d. 790 kg
3. 7.4 ml = a. 7400 L b. 0.0074 L c. 0.074 L d. 0.74 L
4. How many times is 400 g contained in 42.2 kg?
a. 12.3 b. 123 c. 1230 d. 132
5. Express 50 ml as a decimal fraction of 2L
a. 0.025 b. 0.05 c. 0.25 d. 0.5
6. 2850 ml is how many litres?
a. 28.50 L b. .805 L c. 2.85 L d. 25.80 L
7. Choose the best estimate
a. The thickness of a ruler -1 mm 1 cm 1 m
b. The length of a soccer field 100 mm 100 cm 100 m
c. The amount of soup in a soup bowl 20 L 200 ML 200 L
d. The mass of a baby 7kg 70 kg 700 mg

SECTION B (2 X 10 = 20)

1. $20.169 \div 0.83$
2. 6.0139×0.295
3. Add : 9.254, 3.45, 8, 17.8
4. $150 - 39.284$
5. $639.209 + 17.813 + 6.275 - 3.468$
6. $(8+7) \div (3+2)$
7. $450 \div (18 \times 5) - 10 \div 2$
8. 188 6526 by 627
9. Write in decimal form $8000 + 600 + 7 + 0.3 + 0.02 + 0.001$
10. $15.84 \div 10000$

SECTION C (4 X 5 = 20)

1. Find the LCM of 840, 54, 135
2. Find the HF of 230, 322
3. $5\frac{1}{7} - \left\{ 3\frac{3}{10} \div \left(2\frac{4}{5} - \frac{7}{10} \right) \right\}$
4. Using a pair of compasses construct the following angles and name it 90°
5. $\left(1\frac{3}{4} \right)^2 \div 5\frac{5}{6}$

1. The weight of a marble is 0.08 kg. Find in grams the weight of 400 marbles.
2. A cooler jug has 3 L 156 ml of orange juice. Distribute it equally among 12 children in ml
3. A dress requires 2.9 m of cloth. How many such dresses can be made from a piece of cloth measuring 98.6 m?
4. Alok weighs 50.87 kg. His father is 1.5 times heavier than he is. Calculate his father's weight.
5. Skill Drill

Look at my kite : it is made of many lines. Can you identify them?

1. _____ and _____ intersect at O
2. EF is _____ to GH
3. AO is _____ to CD
4. BO is _____ to CD
5. CO is _____ to AB
6. DO is _____ to AB

