

**DELHI PUBLIC SCHOOL JAMMU**

**REVISION SHEET IV (2016-17)**

**TOPICS: PROFIT & LOSS, CIRCLE, AREA AND PERIMETER, VOLUME,  
SIMPLIFICATION**

Name - \_\_\_\_\_

Class V, Section - \_\_\_\_

Roll No - \_\_\_\_

Subject – Mathematics

**Q.1 Fill in the blanks**

- (i) The breadth of rectangle having area 30 sq.cm and length 10 cm is \_\_\_\_\_.
- (ii) The simplification rule is also called \_\_\_\_\_ rule in short.
- (iii) The radius of circle having diameter 7.6 cm is \_\_\_\_\_.
- (iv) If CP of a cycle is ₹ 2400 and profit earned is ₹ 400, then SP of cycle is \_\_\_\_\_.
- (v) The volume of a room with dimensions 20m x 12m x 15m is \_\_\_\_\_.
- (vi) The simplified answer of  $1.5 \times 5 - 3.5 + 4 =$  \_\_\_\_\_.
- (vii) Overheaded expenses such as transportation, labour are included in \_\_\_\_\_.
- (viii) The perimeter of rectangle is given by the formula \_\_\_\_\_.
- (ix) The longest chord of a circle is \_\_\_\_\_.
- (x) Cubic centimeter is the unit of \_\_\_\_\_.
- (xi) If CP of an article is ₹125 and profit earned is ₹ 25, then SP is \_\_\_\_\_.
- (xii) Area of triangle with base 10 cm and height 6 cm is \_\_\_\_\_.
- (xiii) The diameter of a circle with radius 2.5 cm is \_\_\_\_\_.
- (xiv) Put correct symbol in  $20 \text{ \_\_\_\_ } 4 + 5 = 10$
- (xv) The capacity of a cube having volume  $1375 \text{ cm}^3$  is \_\_\_\_\_ litre.

**Q.2 Choose the correct option:**

- (i) The area of parallelogram with base 31 km and height 10 km is

- (a)  $315\text{km}^2$                       (b)  $310\text{km}^2$                       (c)  $155\text{km}^2$                       (d) None
- (ii) The diameter of a circle whose radius is 5.4cm is
- (a) 10.0cm                      (b) 10.4cm                      (c) 10.8cm                      (d) None
- (iii) The simplified answer of  $24 + 30 \div 6 - 4 \times 5$  is
- (a) 9                      (b) 10                      (c) 12                      (d) 20
- (iv) The perimeter of a square with side 4.5cm is
- (a) 18.5cm                      (b) 19.5cm                      (c) 19.0cm                      (d) 18.0cm
- (v) When CP = ₹ 250.64, SP = ₹ 233.49, then \_\_\_\_\_ = \_\_\_\_\_
- (a) L = ₹ 17.15                      (b) P = ₹ 18.15                      (c) L = ₹ 27.15                      (d) None

**Q.3 Say True or False:**

- (i) A square of side 5m and a rectangle of sides 6m & 4m are equal in area. (     )
- (ii)  $9 \times 3 + 6 \div 2 = 21$ . (     )
- (iii) The length of a rectangle is shorter than its breadth. (     )
- (iv) The longest chord of a circle that passes through center is diameter. (     )
- (v) The volume of a cube is same as that of cuboid. (     )

**Q.4 SOLVE**

- (i) Find CP when SP is ₹ 650 and loss is ₹ 50.
- (ii) Find the area and perimeter of a square of side 75m.
- (iii) Simplify
- (a)  $108 \div 2 \times 6 + 48 - 166$                       (b)  $35 - [ 6 \times \{ 5\frac{1}{2} - (\frac{2}{5} \div \frac{1}{5}) \} ]$
- (iv) Find the volume of a cube whose edge is 1.6cm.
- (v) Draw a circle having diameter 7cm. Mark the center O, the diameter XY, a chord AB, radius OP, an exterior point E and an interior point F.

(vi) Sahil sold his car for ₹ 1,50,000 at a loss of ₹ 65,000. Calculate the cost price of car.