

**DELHI PUBLIC SCHOOL JAMMU**  
**SESSION - 2018-2019**  
**REVISION SHEET (CT-II)**

**Topics : Fractions, Circles and Triangles, Decimals, Unitary Method**

**SUBJECT- MATHEMATICS**

**CLASS - V**

**Choose the correct option:**

**SECTION A**

Q1. Which pair of fractions is equivalent?

(a)  $\frac{2}{5}$  and  $\frac{15}{12}$

(b)  $\frac{13}{3}$  and  $\frac{16}{10}$

(c)  $\frac{9}{21}$  and  $\frac{6}{14}$

Q2.  $\frac{18}{7} \div \frac{18}{7} =$  \_\_\_\_\_

(a)  $\frac{364}{49}$

(b) 1

(c) 0

Q3. Compare  $\frac{8}{12}$  \_\_\_\_\_  $\frac{2}{3}$

(a) <

(b) =

(c) >

Q4. Each angle of an equilateral triangle is equal to

(a)  $80^\circ$

(b)  $90^\circ$

(c)  $60^\circ$

Q5. A triangle is called an acute-angled triangle if all of its angles are \_\_\_\_\_

(a) Right

(b) Acute

(c) Obtuse

Q6.  $20 + \frac{4}{10} + \frac{8}{1000} =$  \_\_\_\_\_

(a) 2.48

(b) 20.48

(c) 20.408

Q7.  $0.2 \times 0.2 \times 0.2 =$  \_\_\_\_\_

(a) 0.8

(b) 0.008

(c) 0.08

Q8.  $10.453 \div 1000$

(a) 0.10453

(b) 0.010453

(c) 10453

**SECTION B**

Q9. In  $\Delta XYZ$ , if  $\angle X = 90^\circ$ ,  $\angle Y = 45^\circ$ , find  $\angle Z$

Q10. Arrange in ascending order

(a)  $\frac{4}{5}, \frac{7}{10}, \frac{8}{15}, \frac{11}{30}$

(b) 8.8, 87.8, 77.9, 78.89, 87.88

Q11. Solve: (a)  $3\frac{2}{9} + 1\frac{5}{6}$  (b)  $2\frac{2}{3} - 1\frac{1}{4} + 3\frac{1}{6}$  (c)  $8\frac{1}{6} \div 4\frac{2}{3}$

Q12. In a right- angled triangle, one angle measures  $35^\circ$ . Find each of the remaining two angles.

Q13. Solve : (a)  $175.6 + 86.54 + 245.356$  (b)  $74.67 - 16.764$  (c)  $101.23 - 21.34$

Q14. Find the radius of a circle whose diameter is

(a) 30.8 cm (b) 17.6 cm (c) 22 cm

Q15. Solve

(a)  $9.306 \times 23.7$  (b)  $0.259 \div 0.7$  (c)  $21.976 \div 1.64$

Q16. Reduce each of the following fractions to the simplest form

(a)  $\frac{72}{80}$  (b)  $\frac{51}{68}$  (c)  $\frac{28}{39}$

Q17. Write the following decimals in words

(a) 30.108 (b) 86.047 (c) 103.005

### SECTION C

Q18. The cost of 24 pens is ₹375.60. What is the cost of each pen?

Q19. Find the Quotient: (a)  $316.84 \div 40$  (b)  $1.35 \div 900$  (c)  $94.25 \div 80$

Q20. If a length of  $3\frac{2}{3}$  m is cut from a wire which is  $5\frac{1}{2}$  m long, how much of wire is left?

Q21. Which of the following cannot be the measures of all the three angles of a triangle?

(a)  $\angle A = 110^\circ, \angle B = 25^\circ, \angle C = 45^\circ$  (b)  $\angle P = 70^\circ, \angle Q = 70^\circ, \angle R = 50^\circ$

Q22. Multiply: (a)  $1\frac{1}{4} \times 1\frac{1}{5} \times 3\frac{1}{3}$  (b)  $4\frac{9}{14} \times 1\frac{8}{13}$

Q23. Simplify: (a)  $500 - 37.8 + 1.4 - 137.63$  (b)  $66.66 - 6.666 - 3.033$

Q24. Construct a circle whose radius is

(a) 4.8 cm (b) 3 cm (c) 3.7 cm

Q25. A car travels  $283\frac{1}{2}$  km in  $4\frac{2}{3}$  hours. How far does it go in 1 hour?

Q26. The sum of two numbers is 42.12. If one of the numbers is 18.576, Find the other number.

### SECTION D

Q27. 448 trains can carry 3,26,592 passengers. How many trains will carry 4,25,736 passengers?

Q28. One litre of petrol costs ₹ $24\frac{4}{5}$ . What is the cost of 35 litres of petrol ?

Q29. A man earns ₹6400 per month. If he spends  $\frac{3}{8}$  of his money on foods,  $\frac{5}{16}$  of it on rent. How much money does he save every month?

Q30. Mona cuts  $36\frac{1}{8}$  m of cloth into 17 pieces of equal length. What is the length of each piece?

Q31. The cost of 46 computers is ₹ 1124976. Find the cost of 12 such computers?

Q32. Find the weight of 16 bags of sugar, each weighing 48.450 kg.

Q33. A drum contains 60 l of the milk. Out of this ,15.75 l of the milk was taken out in one bucket and 8.5 l in the another bucket. How much is left in the drum ?