# DELHI PUBLIC SCHOOL JAMMU SESSION 2019-2020 <br> REVISION SHEET (Cycle Test- II) <br> Topics- Fractions, Decimal Numbers, Operations on Decimal Numbers, Circles,Triangles and Quadrilaterals, Unitary Method 

SUB-MATHEMATICS
CLASS-V

## SECTION-A

Choose the correct option:
Q1. When we divide a fraction by 1 , the quotient is the $\qquad$
(a) 1
(b) 0
(c) fraction itself

Q2. $\frac{8}{100}$ as a decimal is $\qquad$
(a) 8
(b) 0.08
(c) 0.8

Q3. The $\qquad$ is the longest chord of the circle.
(a) radius
(b) diameter
(c) circumference

Q4. $\frac{6}{15}+\frac{8}{3}=$ $\qquad$ $+\frac{6}{15}$
(a) $\frac{8}{3}$
(b) $\frac{6}{15}$
(c) 0

Q5. Difference of 300 and 299.999 is $\qquad$
(a) 0.111
(b) 0.011
(c) 0.001

Q6. The sum of three angles of a triangle is $\qquad$
(a) $180^{\circ}$
(b) $0^{\circ}$
(c) $360^{\circ}$

Q7. Reciprocal of $\frac{8}{20}$ is $\qquad$
(a) 1
(b) 1
(c) $\frac{20}{8}$

Q8. The price of 5 pencils is $₹ 100$. The price of 2 pencils is $₹$ $\qquad$
(a) 250
(b) 40
(c) 500

Q9.The place value of 6 in 2.365 is $\qquad$
(a) $\frac{6}{10}$
(b) $\frac{6}{100}$
(c) $\frac{6}{1000}$

Q10. $0.0876 \times 100=$ $\qquad$
(a) 8.076
(b) 8.76
(c) 0.0876

## SECTION - B

Q11. Find first three equivalent fractions of
(a) $\frac{2}{15}$
(b) $\frac{6}{8}$

Q12. Write the following fractions in expanded form
(a) 92.45
(b) 25.056

Q13. Convert each of the following into decimal
(a) $\frac{1068}{100}$
(b) $\frac{4863}{1000}$

Q14. Find the radius of the circle if diameter is 84 cm .
Q15. What should be added to 64.89 to get 800 ?
Q16. Arrange in descending order

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5.44, \quad 55.484, \quad 52.55, \quad 5.38
$$

Q17. Reduce the following fractions to the lowest terms by dividing with their HCF
(a) $\frac{55}{25}$
(b) $\frac{24}{64}$

Q18. Solve
(a) $3 \frac{1}{5}-\frac{2}{3}$
(b) $\frac{5}{55}+\frac{6}{11}+\frac{2}{5}$
(C) $2 \frac{1}{3} \times \frac{5}{7} \times \frac{2}{5}$
(d) $\frac{11}{8} \div \frac{55}{4}$

Q19. In triangle $A B C, L A=45^{\circ}$ and $\angle B=50^{\circ}$, find $\llcorner C$

## SECTION-C

Q20.Check whether the following fractions are equivalent
(a) $\frac{45}{60}, \frac{15}{20}$
(b) $\frac{24}{16}, \frac{18}{30}$

Q21.Find the quotient in each of the following
(a) $8.93 \div 20$
(b) $328.5 \div 1.25$
(c) $0.132 \div 0.11$
(d) $218.5 \div 1000$

Q22. Arrange in ascending order

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\frac{2}{5} \quad, \frac{3}{11}, \frac{12}{55} \quad, \frac{4}{5}
$$

Q23. One of the acute angle of a right angled triangle is $32^{\circ}$. Find the other acute angle.
Q24. A family consumes 30 kg of sugar in 15 days. How much sugar will be consumed in 275 days?

Q25. Subtract the sum of $2 \frac{1}{6}$ and $2 \frac{1}{3}$ from $\frac{89}{12}$
Q26. Cost of 5 kg of wheat is $₹ 85.68$. What will be the cost of 16 kg of wheat?
Q27. The perimeter of a square is $12 \frac{4}{7} \mathrm{~m}$. Find the length of the side of a square.
Q28. Solve
(a) $642.8+93.408+14.95$
(b) $100-98.643$
(c) $0.876 \times 0.42$
(d) $1.15 \times 6.2$

## SECTION - D

Q29. The product of two numbers is 54.56 . If one number is 3.2 , find the other number Q30. Seema spends $\frac{3}{5}$ of her pocket money on food and Amita spends $\frac{2}{3}$ of her money on books. If they both had $₹ 3500$, who spent more and by how much?

Q31. Construct circles of the following radii
(a) 3 cm
(b) 5.5 cm

Q32. Rahul bought 150 sheets for $₹ 36$. How much will he pay for 350 sheets?
Q33. Sunita walks $2 \frac{1}{4} \mathrm{~km}$ in the morning and $1 \frac{1}{6} \mathrm{~km}$ in the evening. How much distance does she walk in a day?

