# DELHI PUBLIC SCHOOL JAMMU <br> SESSION (2019-20) <br> REVISION SHEET (CYCLE TEST-II) 

Topics:Multiples and Factors, Fractions, Basic Geometrical Concepts, Perimeter and Area

## Class: IV

## Subject: Mathematics

## SECTION-A

## Choose the correct option:

Q1. Sum of all the sides of a closed figure is called $\qquad$ .
a) area
b) perimeter
c) breadth

Q2. A quadrilateral has $\qquad$ sides
a) 4
b) 5
c) 6

Q3. If one side of an equilateral triangle is 5 cm then its perimeter will be $\qquad$ .
a) 3 cm
b) 5 cm
c) 15 cm

Q4. If diameter of a circle is 12 cm , then its radius will be $\qquad$ .
a) 24 cm
b) 12 cm
c) 6 cm

Q5. 1 is a $\qquad$ number.
a) even
b) unique
c) prime

Q6. One-fourth of a dozen $=$ $\qquad$ .
a) 3
b) 4
c) 12

Q7. The fraction equivalent to $\frac{1}{6}$ is
a) $\frac{1}{12}$
b) $\frac{2}{12}$
c) $\frac{3}{12}$

Q8. Smallest factor of any number is $\qquad$ .
a) number itself
b) one
c) zero

Q9. $\qquad$ is the third multiple of 12.
a) 36
b) 12
c) 24

Q10. Prime numbers with a difference of 2 between them are called $\qquad$ numbers.
a) twin-prime
b) composite
c) co-prime

## SECTION-B

Q11. Express the following improper fractions as mixed fractions.
a) $\frac{11}{6}$
b) $\frac{19}{12}$

Q12. Write prime numbers between:
a) $\quad 10$ to 30 .
b) 50 to 70

Q13. Name the sides and vertices of the given figure.


Q14. Write first 5 multiples of :
a) 11
b) 15

Q15. Find perimeter of an equilateral triangle whose one side is 17 cm long.
Q16. Write all the factors of :
a) 35
b) 24

Q17. Find first two common multiples of 8 and 10.
Q18. From the given figure, list the points which are
a) In the exterior of the angle
b) In the interior of the angle

Q19. Express the following mixed fractions as improper fractions.

a) $8 \frac{1}{7}$
b) $10 \frac{2}{5}$

## SECTION-C

Q20. Find the prime factors of 54 using factor tree method.
Q21. Arrange in descending order:

$$
\frac{5}{9}, \frac{5}{12}, \frac{5}{17}, \frac{5}{4}
$$

Q22. Find area of a square tile whose side is 55 cm .
Q23. Find HCF of 35 and 45 .

Q24. Reduce the fractions to their lowest term:
a) $\frac{49}{63}$
b) $\frac{24}{32}$

Q25. Check divisibility of 3950 by 2,3 and 5 .
Q26 Find area of a rectangle whose length is 90 cm and breadth is 75 cm .
Q27. Solve the following:
a) $\frac{2}{3}-\frac{3}{5}$
b) $8 \times \frac{7}{11}$

Q28. Check whether the fractions are equivalent or not
a) $\frac{4}{5}$ and $\frac{6}{9}$
b) $\frac{2}{5}$ and $\frac{10}{25}$

## SECTION-D

Q29. The 1 st common multiple of 14 and 21 is 42 . Find the next 4 common multiples.
Q30. Pinky bought $\frac{2}{5} \mathrm{~m}$ of ribbon and Tinky bought $\frac{1}{2} \mathrm{~m}$ of ribbon. Who bought longer ribbon and by how much?

Q31. Observe figure and name the following:
a) Chord of the circle
b) Radii of the circle
c) Diameter of the circle


Q32. Length and breadth of a blackboard is 225 cm and 150 cm . Find its area and perimeter.
Q33. Perimeter of a square field is 320 m . Find the length of one side of the field.

