

**BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA.  
SEPTEMBER ASSIGNMENT  
CLASS- VI (MATHEMATICS)**

**SECTION –A (MULTIPLE CHOICE QUESTIONS)**

1. Representation of data in the form of picture is called \_\_\_\_\_  
(a) bar graph (b) pictograph. (c) histogram (d) none of these
2. 1 million is equal to \_\_\_\_\_ lakhs  
(a) 1 (b)10 (c) 100 (d) 1000
3. 5 divided by 0 is  
(a) 5 (b) 0 (c) 1 (d) not defined
4. What are the prime factors of greatest 4 –digit number  
(a)  $3 \times 3 \times 11 \times 101$  (b)  $9 \times 11 \times 101$  (c)  $3 \times 3 \times 3 \times 101$  (d)  $3 \times 3 \times 11 \times 11$

**SECTION – B( 2 MARKS QUESTIONS)**

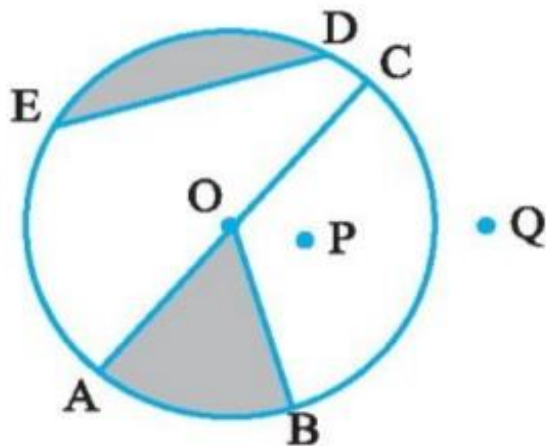
5. A box contains 2,00,000 medicine tablets each weighing 20 mg. What is the total weight of all the tablets in the box in grams and in kilograms?
6. Population of Sundarnagar was 2,35,471 in the year 1991. In the year 2001 it was found to be increased by 72,958. What was the population of the city in 2001?
7. The length of Ramesh’s notebook is 15 cm 8 mm. What will be its length in cm?

**SECTION – C (3 MARKS QUESTIONS)**

8. Find a)  $8 + 3$  b)  $6 - 2$  c)  $9 - 6$  using the number line.
9. Find the least number which when divided by 12, 16, 24 and 36 leaves a remainder 7 in each case.
10. The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly.








**SECTION – D (5 MARKS QUESTIONS)**

11. Sohan was putting covers on his note books. He put one fourth of the covers on Monday. He put another one fourth on Tuesday and the remaining on Wednesday. What fraction of the covers did he put on Wednesday?
12. a) Find the fraction equivalent to  $\frac{45}{60}$ , having denominator 12  
b) Find the difference of:  $\frac{17}{24}$  and  $\frac{11}{16}$
13. From the figure, identify (a) The centre of circle (b) three radii  
(c) a diameter (d) a chord (e) two points in the interior (f) a point in the exterior (g) a sector (h) a segment



14. The following data gives the number of children in 40 families:  
 1, 2, 6, 5, 1, 5, 1, 3, 2, 6, 2, 3, 4, 2, 0, 0, 4, 4, 3, 2  
 2, 0, 0, 1, 2, 2, 4, 3, 2, 1, 0, 5, 1, 2, 4, 3, 4, 1, 6, 2  
 Represent it in the form of a frequency distribution.  
 a) How many families have 3 children?  
 b) How many families have 4 or more than 4 children?

SECTION – E (CASE STUDY)

15. Mitali and her classmates were given to prepare a project report on the population of different states of India by their teacher. She took the information from the census of India 2021 about it. The following pictograph depicts the information about the areas in sq. km (to nearest hundred) of some districts of Chhattisgarh State
- | District    | Area (in sq km)  |  = 1000 sq km |
|-------------|--|--|
| Rajgarh     |    |  |
| Rajnandgaon |    |  |
| Koria       |     |  |
| Mahasamund  |     |  |
| Kabirdham   |    |  |
| Jasphur     |  |  |
- (a) What is the area of Koria district?  
 (b) How many districts have area more than 5000 square kilometres?  
 (c) What is the total area (in sq km) of Rajgarh and Jasphur?  
 (d) What is the difference in area (in sq km) of Kabirdham and Mahasamund?

**MATHEMATICS SYLLABUS :** Ch 1 Knowing Our Numbers

Ch 2 Whole Numbers

Ch 3 Playing with Numbers

Ch 4 Basic Geometrical Ideas

Ch 7 Fractions

Ch 8 Decimals

Ch 9 Data Handling

GK: Ch- 52,53,54 & 55