

**DELHI PUBLIC SCHOOL, JAMMU**

**SESSION:2019-20**


**QUESTION BANK**

**Class:- VI**

**Subject:- Mathematics**

**Topics: Integers, Mensuration, Algebra, Ratio and Proportion**

**SECTION-A (Objective type) (1 mark each)**

- The least integer lying between -10 and -15 is  
a) -12                      b) -11                      c) -13                      d) -14
- The number of integers lying between -1 and 1 is  
a) 1                          b) 2                          c) 3                          d) 0
- Which of the following numbers is at the same distance as 6 is from 0 on the number line?  
a) 10                        b) -6                        c) 12                        d) -12
- If each side of a regular pentagon is 'a' then its perimeter is  
a) 5a                        b) 7a                        c) 4a                        d) 6a
- The area of a rectangle is  $36\text{cm}^2$ . If its length is 9 cm then its breadth is  
a) 6cm                      b) 4cm                      c) 7cm                      d) 5cm
- Mohan wants to fence his garden with wire. Which of the following terms will he calculate to find the total length of the wire required?  
a) Area                      b) Perimeter                      c) Both a and b                      d) None of these
- 9 less than x is written as  
a)  $9 - x$                       b)  $x - 9$                       c)  $x + 9$                       d) None of these
- The solution of equation  $x + 2 = 7$  is  
a) 9                          b) 6                          c) 5                          d) 4
- Which of the following is an equation?  
a)  $10 - 4m < 8$                       b)  $m + 7 = 16$                       c)  $3 \times 5 - 5 = 10$                       d)  $10 > 9 - 7$
- The ratio of 6 kg to 500g is  
a) 1: 12                      b) 12 : 1                      c) 6 : 5                      d) 5 : 6
- $11 + \underline{\hspace{2cm}} = 0$
- 5 less than - 2 is                 .
- The perimeter of a square =                   $\times$  side.
- The region enclosed by any closed figure is called                 .
- An                  is a condition on a variable.
- Reena's present age is x years. Her age 7 years from now is                 .
- A ratio expressed in lowest form has no common factor other than                  in its terms.
- Write the following integer in ascending order: - 15, 4, - 8, 41, - 51
- Write five integers less than - 8.
- Write the rule which gives the number of matchsticks required to make a pattern of letter 
- The cost of one pen is ₹ 50. Calculate the cost of x pens.
- There are 24 boys and 18 girls in a class. Find the ratio of the number of boys to the number of girls.
- Find the side of a square whose perimeter is 96cm.
- Find the area of a square tile with side 15cm.