

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA  
FEBRUARY ASSIGNMENT  
CLASS- VI (MATHEMATICS)

SECTION -A (MULTIPLE CHOICE QUESTIONS)

1.	The perimeter of a square is 48 cm. The length of each side is: (a) 10 cm (b) 12 cm (c) 14 cm (d) 16 cm
2.	The successor of -15 is: (a) -16 (b) -14 (c) 15 (d) 0
3.	Assertion (A): The area of a rectangle is obtained by multiplying its length and breadth. Reason (R): Area tells us how much surface a figure covers. (a) Both A and R are true and R is the correct explanation of A (b) Both A and R are true but R is not the correct explanation of A. (c) A is true but R is false (d) A is false but R is true

SECTION - B( 2 MARKS QUESTIONS)

4.	Write all factors of 36.
5.	a. Find the length of a rectangle if perimeter of a rectangle 44 cm and breadth is 8 cm. b. Draw an angle of $135^\circ$

SECTION - C (3 MARKS QUESTIONS)

6.	Find the sum of the following integers: (a) $(- 8) + (+ 5) + (- 3) + (- 2)$ (B) $(- 7) + (- 9) + (+ 4) + (+ 3)$
7.	A rectangular park is 25 m long and 18 m wide. (a) Find its area. (b) Find the cost of fencing it at ₹12 per metre.

SECTION - D (5 MARKS QUESTIONS)

8.	(a) The temperature on a certain morning is $-11^\circ\text{C}$ at 5 a. m. If the temperature drops 3 degree at 6 a.m. and rises 5 degree at 8 a.m. and again drops 3 degree at 9 a.m. What is the temperature at 9 a.m.? (b) Write the following integers in their increasing order. $- 3, 0, - 6, 5, - 4, 6, 3, - 8$
9.	a. How many rounds will the number 1932 takes to reach Kaprekar Constant? b. Use divisibility test to check if 135670 is divisible by 2,4,5,8 and 10

SECTION - E (CASE STUDY)

10.	During a school art activity, a chart paper was used by three groups. Group A used $\frac{5}{12}$ of the chart. Group B used $\frac{1}{3}$ of the chart. Group C used $\frac{1}{4}$ of the chart. (a) Find the total fraction of chart paper used by Group A and Group B. (b) Find the total fraction used by all three groups. (c) How much chart paper is left unused?
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