

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA
OCTOBER ASSIGNMENT
CLASS- VI (MATHEMATICS)
TOPICS: THE OTHER SIDE OF ZERO
PERIMETER AND AREA

SECTION –A (MULTIPLE CHOICE QUESTIONS)

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| 1. | The side of a square is 10cm. How many times will the new Perimeter be if the side of the square is doubled?
(a) 2 times
(b) 4 times
(c) 6 times
(d) 8 times |
| 2. | What is the successor of -7 ?
(a) $+6$
(b) -6
(c) -8
(d) $+8$ |
| 3. | Assertion (A): – An athlete takes 10 rounds of a rectangular park, 40 m long and 30 m wide. The total distance covered by him is 1400 m.
Reason(R):Perimeter is the distance covered along the boundary forming a closed figure when you go round the figure once.
(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)

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| 4. | The sum of two integers is -38 . If one of them is 240. Find the other. |
| 5. | The perimeter of a square is 64 cm. Find the length of each side. |

SECTION – C (3 MARKS QUESTIONS)

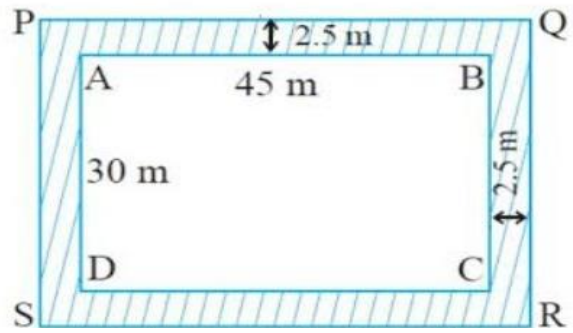
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| 6. | Find the sum of the following integers:
(a) $(-8) + (+5) + (-3) + (-2)$
(B) $(-7) + (-9) + (+4) + (+3)$ |
| 7. | How many square tiles each of side 0.25m will be required to pane the floor of a room which is 4m broad and 3m long? |

SECTION – D (5 MARKS QUESTIONS)

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| 8. | (a) The temperature on a certain morning is -11°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 Rectangular park is 30 metres long and 20 metres broad. A steel wire fence is put up all around it. Find the cost of putting the fence at the rate of ₹15 per metre. Also find the cost of lying grass inside the park at the rate of ₹ 20 per square metre. |

SECTION – E (CASE STUDY)

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| 10. | There was a deserted land near Rajesh 's house. The colony people used to throw garbage on that land. Rajesh along with his friends contacted the people of the colony and all decided to develop a land into a park with walking track where all children can play and elders can walk. |
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- (a) Find the area of park ABCD.
- (b) Find the length and breadth of land PQRS.
- (c) Find the perimeter of land PQRS.