

**BCM SCHOOL BASANT AVENUE, DUGRI**

**CLASS -VI**

**SUBJECT –MATHEMATICS (041)**

**OCTOBER-ASSIGNMENT (2023-2024)**

**Chapter -5,6(Understanding elementary shapes, Integers)**

1. The preceding integer of the integer -5 is  
a) -4            b) -6            c) -7            d) -3
2. What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 5 to 12.  
a)  $\frac{1}{2}$             b) more than  $\frac{1}{4}$             c)  $\frac{3}{4}$             d) more than  $\frac{1}{2}$
3. Assertion (A) – Greatest negative integer is – 1.  
Reason (R) – Farther a number from zero on the left, larger is its value.
  - 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.

**CASE STUDY QUESTION:**

BCM school organizes national level event named BML Munjal Tinkerpreneurs. The total 8 events were planned included many sub- categories. In a quiz; Team A scored -10, 20, 30, 0, -20 in five successive rounds and Team B scored -15, 20, 25, -30, 0. Read the passage carefully and answer the following questions:

- (i) Calculate the total number of marks scored by team A?
- (ii) Calculate the total number of marks scored by team B?
- (iii) Which team scored more marks and by how much?

**SUBJECTIVE QUESTION:**

1. The temperature of a place at 12:00 noon was found to be  $-5^{\circ}\text{C}$ . The temperature increased by three  $^{\circ}\text{C}$  in the first hour and then decreased by one  $^{\circ}\text{C}$  in the next hour. What will be the temperature at 2:00 pm?
2. Subtract the sum of – 1250 and 1138 from the sum of 1136 and – 1272.
3. Draw a rough sketch of regular pentagon and mark its diagonals.