Test / Exam Name: Integers_ch6   **Standard:** 6th   **Subject:** Mathematics

Student Name: _____   **Section:** _____   **Roll No.:** _____

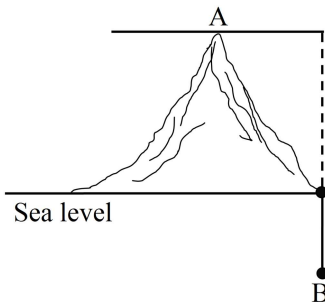| Questions: 11	Time: 00:35 hh:mm	Marks: 20

Instructions

1. Keep proper timer
2. Do the images for reference, if required.
3. Honesty is the best policy.
4. Make you work tidy

SECTION-A

Q1. -7 - (-8) =   **1 Mark**

    A 15   **B** -15   **C** 1   **D** -1

Q2. Mark against the correct answer in the following: **1 Mark**
The additive inverse of -5 is:

    A 5   **B** 0   **C** -4   **D** -6

Q3. Absolute value of -58 is: **1 Mark**

    A 58   **B** -58   **C** 0   **D** None of these.

Q4. The sum of the integers from 11 to 100 which are not divisible by 3 or 5 is   **1 Mark**

    A 2489   **B** 4735   **C** 2317   **D** 2632

Q5. Divide: **1 Mark**
85 by -17

SECTION-B

Q6. Simplify: **2 Marks**
(-27) × (-16) + (-27) × (-14)

Q7. The point A is on a mountain which is 5700 meters above sea level and the point B is in a mine which is 39600 meters below sea level. Find the vertical distance between A and B.   **2 Marks**

Q8. Subtract the sum of -1050 and 813 from -23.   **2 Marks**

Q9. Find the sum: **3 Marks**
$2\frac{3}{4} + 5\frac{5}{6}$

SECTION-C

Q10. If we denote the height of a place above sea level by a positive integer and depth below the sea level by a negative integer, write the following using integers with the appropriate signs: **3 Marks**

    1. 200m above sea level.
    2. 100m below sea level.
    3. 10m above sea level.
    4. Sea level.

Q11. If x = (-23) + 22 + (-23) + 22 + ... + (40 terms) and y = 11 + (-10) + 11 + (-10) + ... + (20 terms), then find y - x.   **3 Marks**