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(Affiliated to CBSE up to +2 Level)

CLASS : VII

SUBJECT : MATHEMATICS

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Question 1 What the value of $(-22)-[(-23)-(-17)-(-61)](-22)-[(-23)-(-17)-(-61)]$

Question 2 What should be subtracted from -9876 to obtain -9512?

Question 3 The temperature of a city is 4°C . Next day the temperature falls by 5°C . What is the temperature of the city next day?

Question 4 Fill in the blanks

- a) Sum of integer and its additive inverse is _____
- b) Sum of -22 and -44 is _____
- c) $-36 \div (\text{_____}) = -9$
- d) _____ is absolute value of -998

Question 5 Mark the correct option

- i. Sum of two negative numbers is always
 - A. Positive
 - B. Negative
 - C. 0
 - D. 1
- ii. Which property is reflected in this equation $7 \times 5 = 5 \times 7$
 - A. Closure
 - B. Commutative
 - C. Associative
 - D. Distributive

Question 6 A divers descends 20 feet in the water from the boat at the surface of a lake. He then rose 12 feet and descends another 18 feet. At this point what is his depth in water?

Question 7 Verify $a - (-b) = a + b$ for the following values of 'a' and 'b'

- a. $a=34$ $b=73$
- b. $a=45$ $b=30$

Question 8 Write down the pair of integers whose

- A. Sum is -4
- B. Sum is 0
- C. Difference is 2
- D. Difference is -6

Question 9 Verify the following

- a. $(-22) \times [(-4) + (-5)] = [(-22) \times (-4)] + [(-22) \times (-5)]$
- b. $(-12) \times [(3) + (-9)] = [(-12) \times (4)] + [(-12) \times (-9)]$

Question 10 Evaluate

- a. $(-100) \div 5$
- b. $(-36) \div (-4)$
- c. $(0) \div (-12)$

Question 11

The price of the stock decreases Rs. 45 per day for four consecutive days. What was the total change in value of the stock over 4 day period?

Question 12

A group of hikers is descending the mountain at a rate of 600 feet per hour. What is the change in elevation of hiker after 6 hours?