

13. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. One of her friends gets only 5 answers correct.

What will be her score?

- a. 20 b. -20 c. 0 d. none of these

14. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer. Jay answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?

- a. 18 b. 16 c. 12 d. 10

15. For any integer a, $a \times 0 = 0 \times a =$ _____.

- a. 0 b. a c. 0/a d. none of these

16. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. Gurpreet attempts all questions but only 9 of her answers are correct. What is her total score?

- a. 25 b. 24 c. 30 d. 20

17. The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight, at what time would the temperature be 8°C below zero?

- a. 9pm b. 7pm c. 10pm d. 6pm

18. A certain freezing process requires that room temperature be lowered from 40°C at the rate of 5°C every hour. What will be the room temperature 10 hours after the process begins?

- a. -5°C b. -10°C c. -15°C d. -20°C

19. When two negative integers are added we get a _____ integer

- a. negative integer b. positive integer c. both a and b d. none of these

20. A shopkeeper earns a profit of Re 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock. In a particular month she incurs a loss of Rs 5. In this period, she sold 45 pens. How many pencils did she sell in this period?

- a. 100 pencils b. 125 pencils c. 115 pencils d. 120 pencils