

Class 07 Chapter Integer Practice paper -1

1. What is integer? Name an integer which is neither negative nor positive.
2. What do you mean by additive inverse and reciprocal?
3. What is the additive inverse and reciprocal of 0(zero)
4. Write a pair of integers whose sum gives
 - (a) a negative integer
 - (b) zero
 - (c) an integer smaller than both the integers.
 - (d) an integer smaller than only one of the integers.
 - (e) an integer greater than both the integers.
5. Write a pair of integers whose difference gives
 - (a) a negative integer.
 - (b) zero.
 - (c) an integer smaller than both the integers.
 - (d) an integer greater than only one of the integers.
 - (e) an integer greater than both the integers.
6. Write down a pair of integers whose
 - (a) sum is -3
 - (b) difference is -5
 - (c) Difference is 2
 - (d) sum is 0
7. Write down a pair of integers whose:
 - (a) sum is -7
 - (b) difference is -10
 - (c) sum is 0
8. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. (i) Gurpreet attempts all questions but only 9 of her What will be her score?
9. An elevator descends into a mine shaft at the rate of 5 metre per minute. What will be its position after one hour? If it begins to descend from 15 m above the ground, what will be its position after 45minutes?
10. 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?
11. In a test $(+5)$ marks are given for every correct answer and (-2) marks are given for every incorrect answer.
 - (i) Radhika answered all the questions and scored 30 marks though she got 10 correct answers.
 - (ii) Jay also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?
12. 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.
 - (i) 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?
 - (ii) In the next month she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?
13. Add on number line (i) $-3 + 4$ (ii) $4 - 3$ (iii) $(-2) + (-3)$ (iv) $(-2) + (-1) + (5)$
14. Find integers between -3 and 1
15. What is the product of 2 and additive inverse of $\frac{1}{-4}$