

## Integers Practice Test Question Answers

### Test SET – 1

1. In a quiz, positive marks are given for correct answers and negative marks are given for incorrect answers. If Jack's scores in five successive rounds were **25, – 5, – 10, 15** and **10**, what was his total at the end?

 20

 25

 30

 35

 45

#### Answers

2. In New York City temperature was  $-5^{\circ}\text{C}$  on Wednesday and then it dropped by  $2^{\circ}\text{C}$  on Thursday. What was the temperature of New York City on Thursday? On Friday, it rose by  $4^{\circ}\text{C}$ . What was the temperature on this day?

  $-7^{\circ}\text{C}; -3^{\circ}\text{C}$ 
  $7^{\circ}\text{C}; 3^{\circ}\text{C}$ 
  $-5^{\circ}\text{C}; -1^{\circ}\text{C}$ 
  $5^{\circ}\text{C}; 1^{\circ}\text{C}$ 
  $-7^{\circ}\text{C}; 7^{\circ}\text{C}$ 

#### Answers

3. **A water tank has stepped inside it. A monkey is sitting on the topmost step (i.e., the first step). The water level is at the ninth step.**

**QA.** He jumps 3 steps down and then jumps back 2 steps up. In how many jumps will he reach the water level?

 7 jumps

 8 jumps

 9 jumps

 10 jumps

 11 jumps

#### Answers

**3/ QB..**After drinking water, he wants to go back. For this, he jumps 4 steps up and then jumps back 2 steps down in every move. In how many jumps will he reach back the top step?

 4 jumps

 5 jumps

 6 jumps

 7 jumps

8 jumps

Answers

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

24

56

-24

-12

36

Answers

6. Suppose we represent the distance above the ground by a positive integer and that below the ground by a negative integer, then answer the following:

6 (i) An elevator descends into a mine shaft at the rate of 5 meters per minute. What will be its position after one hour?

50

150

200

250

300

Answers

6 (ii) If it begins to descend from 15 m above the ground, what will be its position after 45 minutes?

60 m

110 m

180 m

210 m

330 m

Answers

8. For any integer  $a$ , what is  $(-1) \times a$  equal to?

$a$

1

<input type="radio"/> 0	<input type="radio"/> -1
<input type="radio"/> -a	

**Answers**

**9.** A certain freezing process requires that room temperature be lowered from  $40^{\circ}\text{C}$  at the rate of  $5^{\circ}\text{C}$  every hour. What will be the room temperature 10 hours after the process begins?

<input type="radio"/> $10^{\circ}\text{C}$	<input type="radio"/> $-10^{\circ}\text{C}$
<input type="radio"/> $0^{\circ}\text{C}$	<input type="radio"/> $-20^{\circ}\text{C}$
<input type="radio"/> $20^{\circ}\text{C}$	

**Answers**

**10. A cement company earns a profit of \$8 per bag of white cement sold and a loss of \$5 per bag of grey cement sold.**  
 10 (a) The company sells 3,000 bags of white cement and 5,000 bags of grey cement in a month. What is its profit or loss?

<input type="radio"/> Loss of \$ 1000	<input type="radio"/> Profit of \$ 1000
<input type="radio"/> Loss of \$ 2000	<input type="radio"/> Profit of \$ 2000
<input type="radio"/> NOTA	

**Answers**

**10. (b)** What is the number of white cement bags it must sell to have neither profit nor loss, if the number of grey bags sold is 6,400 bags.

<input type="radio"/> 1000 bags	<input type="radio"/> 2000 bags
<input type="radio"/> 3000 bags	<input type="radio"/> 4000 bags
<input type="radio"/> 5000 bags	

**Answers**