



Test / Exam Name: Maths - Integers

Standard: 7th

Subject: Mathematics

Student Name:

Section:

Roll No.:

Questions: 19 | Time: 01:00 hh:mm | Marks: 30

SECTION-A

- Q1.** Subtract the following algebraic expressions.
7y from 15y. 1 Mark
- A** 8 **B** 8y **C** -8y **D** None
- Q2.** The sum of two integers is 93. If one of them is -59, the other one is: 1 Mark
- A** 34 **B** -34 **C** 152 **D** -152
- Q3.** $49 + (-27) = ?$ 1 Mark
- A** -73 **B** 73 **C** 22 **D** None of these
- Q4.** $138 - 234 = ?$ 1 Mark
- A** 60 **B** 372 **C** 96 **D** -96
- Q5.** Next three consecutive numbers in the pattern 11, 8, 5, 2, --, --, -- are: 1 Mark
- A** 0, -3, -6 **B** -1, -5, -8 **C** -2, -5, -8 **D** -1, -4, -7
- Q6.** $(-40) \times \underline{\hspace{2cm}} = 80$ 1 Mark
- Q7.** $(-1) \times (-2) \times (-3) = 1 \times 2 \times 3$ 1 Mark
- Q8.** $(-25) \times (-2) = \underline{\hspace{2cm}}$. 1 Mark
- Q9.** If we multiply five positive integers and one negative integer, then the resulting integer is _____. 1 Mark
- Q10.** Division is the inverse operation of _____. 1 Mark
- Q11.** What's the Error? 1 Mark
Reeta evaluated $-4 + d$ for $d = -6$ and gave an answer of 2. What might Reeta have done wrong?

SECTION-B

- Q12.** Write a pair of integers whose product is -36 and whose difference is 15 2 Marks
- Q13.** Write two negative integers whose difference is 7 2 Marks
- Q14.** Following number line shows the temperature in degree celsius ($^{\circ}\text{C}$) at different places on a particular day. 2 Marks
-
- What is the temperature difference between Lahulpiti and Srinagar?
- Q15.** Sana and Fatima participated in an apple race. The race was conducted in 6 parts. In the first part, Sana won by 10 seconds. In the second part she lost by 1 minute, then won by 20 seconds in the third part and lost by 25 seconds in the fourth part, she lost by 37 seconds in the fifth part and won by 12 seconds in the last part. Who won the race finally? 2 Marks
- Q16.** Evaluate the following, using distributive property. 2 Marks
 $(-85) \times 43 + 43 \times (-15)$
- Q17.** A multistorey building has 25 floors above the ground level each of height 5m. It also has 3 floors in the basement each of height 5m. A lift in building moves at a rate of 1m/s. If a man starts from 50m above the ground, how long will it take him to reach at 2nd floor of basement? 3 Marks
- Q18.** You have Rs. 500 in your savings account at the beginning of the month. The record below shows all of your transactions during the month. How much money is in your account after these transactions? 3 Marks

Cheque No.	Date	Transaction Description	Payment	Deposit
384102	4/9	Jal Board	Rs. 120	Rs. 200
275146	12/9	Deposit		
384103	22/9	LIC India	Rs. 240	Rs. 150
801351	29/9	Deposit		

- Q19.** 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? What would be the temperature at mid-night? 3 Marks