GSP-1

Total No. of Questions: 40 **Total Marks: 160**

SECTION 1: MCQ

Q1 Calculate $9 - 6$ (4 Marks)

A. 3
B. -3
C. 15
D. -15

Q2 Difference of 23 and 17.081 is _____ (4 Marks)

A. 0.5919
B. 59.19
C. 591.9
D. 5.919

Q3 When 47 is subtracted from -23, we get (4 Marks)

A. 70
B. 24
C. -24
D. -70

Q4 $(-35) + (-32)$ is equal to (4 Marks)

A. 67
B. -67
C. -3
D. 3

Q5 The additive inverse of $\frac{-a}{b}$ is _____. (4 Marks)

A. $\frac{a}{b}$
B. $\frac{b}{a}$
C. $\frac{-b}{a}$
D. None of these

Q6 Evaluate: $23 - (-123) =$ (4 Marks)

A. 146
B. -146
C. 100
D. -100

Q7 If the sum of two integers is -26 and one of them is -14, then the other integer is. (4 Marks)

A. -15
B. 15
C. 12
D. -12

Q8 Subtract -134 from the sum of 38 and -87. (4 Marks)

A. -85
B. 85
C. -183
D. 183

Q9 0 is the _____ identify for whole numbers, whereas 1 is the _____ identify for whole numbers. (4 Marks)

A. Additive, Multiplicative
B. Multiplicative, Additive
C. Commutative, Additive
D. Positive, Not-defined

Q10 A driver is 20 m below sea level. If he goes further down by 10m, then find his new position. (4 Marks)

A. 10m
B. -10m
C. 30m
D. -30m

SECTION 2: Subjective

Q1 Subtract the following integers. (4 Marks)
(+12) from (-5)

Q2 Subtract : (4 Marks)
-222 from 0

Q3 Evaluate the following : (4 Marks)
$(-36) + 29$

Q4 Work out the answers to the following calculate the number line. (4 Marks)
$(+5) + (-3)$

Q5 Fill in the blank with >, < or = sign (4 Marks)
$(-3) + (-6)$_____$(-3) - (-6)$

Q6 Fill in the blanks: (4 Marks)
$(-7) + (-8) =$

Q7 Subtract the sum of -340 and 170 from -45. (4 Marks)

Q8 Find the sum of (4 Marks)
-36 and 1027

Q9 Simplify: $(-3) \times (-8) \times \ (-5) \times (-4)$ (4 Marks)

Q10 Fill in the blanks with $>$, $<$ or $=$ sign (4 Marks)
-45-(-11)_____57+(-4) ?

SECTION 3: Fill in the blanks

Q1 The value of $7 + (-10)$ is (4 Marks)

Q2 What is the sum of $4 + (-10)$? (4 Marks)

Q3 Simplify each of the following: (4 Marks)
$-25 + 14 \div (5 - 3)$

Q4 Add: $-613, -421, -700$ (4 Marks)

Q5 In a test $(+5)$ marks are given for every correct answer and (-2) marks given for every incorrect answer. Radhika answered all the questions and scored 30 marks though she got the 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? (4 Marks)

Q6 Do following addition with the help of numberline: (4 Marks)
$8 + (-6)$.

Q7 Find the missing number: (4 Marks)
_____ $\times (-3) = (-21)$

Q8 Subtract -6 from 3. (4 Marks)

Q9 Add: $-18, 14$ (4 Marks)

Q10 Calculate the following. (4 Marks)
$(-18) \div (6)$

SECTION 4: True or False

Q1 The sum of an integer and its additive inverse is always zero. (4 Marks)
A. True
B. False

Q2 1 is the additive identity of integers. (4 Marks)
A. True
B. False

Q3 Check whether the following statement is true or false. (4 Marks)
The sum of a negative integer and a positive integer is always a positive integer.
A. True
B. False

Q4 Check whether the following statement is true or false. (4 Marks)
The sum of two negative integers is a negative integer.
A. True
B. False

Q5 The sum of any two negative integers is always smaller than both the integers. (4 Marks)
A. True
B. False

Q6 Which of the following statements are true: (4 Marks)
Additive inverse of a negative integer is positive.
A. True
B. False

Q7 State the following statement is True or False (4 Marks)
The value of $-32 \times -13 = -416$
A. True
B. False

Q8 state whether the following statement are true: (4 Marks)
Additive inverse of a positive integer is negative.
A. True
B. False

Q9 The difference of two negative integer cannot be a positive integer. (4 Marks)
A. True
B. False

Q10 If we divided an integer by (-1), then the result is the additive inverse of the integer. (4 Marks)
A. True
B. False