

SECTION 1: MCQ

- Q1 Compare $24 \square - 28$ (4 Marks)
A. $<$
B. $=$
C. $=$
D. $>$
- Q2 The number of millions in one crore are (4 Marks)
A. 10
B. 20
C. 50
D. 100
- Q3 The value of $52 - 27 + 67 - 48$ is (4 Marks)
A. 44
B. 45
C. 46
D. -44
- Q4 Select the correct option. (4 Marks)
The total number of factors of a prime number is
A. 1
B. 0
C. 2
D. 3
- Q5 $(-12) \times (-3) \times (+4) \times (-6) =$ (4 Marks)
A. -144
B. -908
C. +864
D. -864

SECTION 2: Multiple Select

- Q1 In each of the following pairs, which pair of the integer is placed correctly according to the number line. (4 Marks)
A. -13, -26
B. -9, 18
C. -29, -13
D. 10, -100

SECTION 3: Subjective

- Q1 Use the sign $>$, $<$ or $=$ in the box to make the following statements true: (4 Marks)
 $23 - 41 + 11 \dots 23 - 41 - 11$

- Q2 The final marks in mathematics of 30 student are as follows: (4 Marks)
 53, 61, 48, 60, 78, 68, 55, 100, 67, 90, 75, 88, 77, 37, 64, 58, 60, 48, 62, 56, 44, 58, 52, 64, 98, 59, 70, 39, 50, 60
 Arrange these marks in the ascending order 30 or 39 one group 40 to 49 second group ,etc.
 Now answer the following:
 Which observations between 50 and 60 have not actually appeared?
- Q3 Use the appropriate symbol $<$ or $>$ to fill in the following blanks : (4 Marks)
 $45 - (-11)$ $(57) + (-4)$
- Q4 Use the number line and add the following integers: (4 Marks)
 $8 + (-8)$
- Q5 In each of the following pairs, state which integer is smaller : (4 Marks)
 13, 0
- Q6 Which number is smaller in the following pair? (4 Marks)
 -26 , 17
- Q7 Use the appropriate symbol $<$ or $>$ to fill in the following blanks : (4 Marks)
 -5 -13
- Q8 -101 ____ -102 . (4 Marks)
- Q9 Find the two smallest integers which divided by 3, 7, 11 leave remainders 1, 6, 5 respectively. (4 Marks)
- Q10 Fill in the blanks with $>$, $<$ or $=$ sign (4 Marks)
 $(-25) + (-42)$ _____ $(-42) - (-25)$

SECTION 4: Fill in the blanks

- Q1 The final marks in mathematics of 30 student are as follows: (4 Marks)
 53, 61, 48, 60, 78, 68, 55, 100, 67, 90, 75, 88, 77, 37, 64, 58, 60, 48, 62, 56, 44, 58, 52, 64, 98, 59, 70, 39, 50, 60
 Arrange these marks in the ascending order 30 or 39 one group 40 to 49 second group and so on.
 Now answer the following:
 How many have scored less then 50?
- Q2 The number of boys in a school is 334 more than the number of girls. If the total strength of the school is 572 (4 Marks)
 , find the number of girls in the school.
- Q3 Find (1)-(2) with the help of numberline : (4 Marks)
 (1) $6 + (-2)$
 (2) $(-6) - 5$.

- Q4 The final marks in mathematics of 30 student are as follows: (4 Marks)
53, 61, 48, 60, 78, 68, 55, 100, 67, 90, 75, 88, 77, 37, 64, 58, 60, 48, 62, 56, 44, 58, 52, 64, 98, 59, 70, 39, 50, 60
(i) Arrange these marks in the ascending order 30 or 39 one group 40 to 49 second group ,etc.
Now answer the following:
If 40 is the pass mark how many have failed?
- Q5 The final marks in mathematics of 30 student are as follows: (4 Marks)
53, 61, 48, 60, 78, 68, 55, 100, 67, 90, 75, 88, 77, 37, 64, 58, 60, 48, 62, 56, 44, 58, 52, 64, 98, 59, 70, 39, 50, 60
(i) Arrange these marks in the ascending order 30 or 39 one group 40 to 49 second group ,etc.
Now answer the following:
How many have scored 75 or more?

SECTION 5: True or False

- Q1 Every positive integer is larger than every negative integer. (4 Marks)
A. True
B. False
- Q2 State whether true or false (4 Marks)
 $-13 > -8 - (-2)$
A. True
B. False
- Q3 $(-17) \times 6$ is a whole number. (4 Marks)
A. True
B. False
- Q4 State true or false. (4 Marks)
The sum of a number and its opposite is zero.
A. True
B. False