1. Answer the following question. [Each Question contains 2 marks]

i) Write four negative integers greater than -25.

ii) Write 4 negative integers between -20 and -15.

iii) Subtract – 5 from – 9

iv) Find the summation of (-35) and (+9)

v) Write 5 negative integers smaller than 40

vi) Do (-8) + 2 with the help of a number line.

vii) Do (-10) + (- 2) with the help of a number line

viii) Find the value of ☐ from, (-5)+☐ = 30

ix) What is the value of – (- 17) +18 – (- 7) ?

x) Find the value of ☐ from ☐ + 19 = -78

2. Choose the correct answer of the following questions. [Each Question contains 1 marks]

i) What number is obtained if 8 steps are left from 0

  a) +8   b) -9   c)-8   d) 18

ii) If we go 6 steps right from 0 and then 12 steps left, which number will we get?

  a) +6   b)-6   c) 12   d -12

iii) What is the positive opposite of + Z?

  a) $\frac{1}{Z}$ b) – Z   c) - $\frac{1}{Z}$ d) +Z

iv) The ground level is indicated by zero and Meena descends 10 stairs from the ground level after ascending 6 stairs above ground level. In which stair is she present now?

  a) 10   b) 4   c) -4   d) -6

v) If we add the positive opposite of -11 with -11 itself then the sum becomes-
  i) 22   ii) -22   iii) 0   iv) -11

C/Q:

1) There is a public library location at 2 km in the east direction from Raju's house . The school is 1 km in the east direction from that place. He wants to go to school, but he goes 3 km in the west direction by mistake.

a) If the direction of the school from his house is positive, then, write his present location with sign.

b) Show the present location of the house, school, library and Raju in the number line.

c) Using number line find the distance and in which direction should Raju move if he wants to go to school from his present location.

2) A = (-5) + 4 + (-7) + 2   and   B = 3 + (-8) + (-2)

   a) Determine the value of B.
   b) Find the value of (A-B)
   c) Determine (A+B) using a number line