TUTORIALS:

TUTORIAL 1

Perform the following operation using signed-magnitude addition subtraction algorithm. The sign bit has been marked in Red.

In each case indicate the value of AVF.

a.   0 101101 + 0 011111
b.   1 011111 + 1 101101
c.   0 101101 – 0 011111
d.   0 101101 – 0 101101
e.   1 011111 – 0 101101

Solution:

Follow the flowchart and perform the operations: