

Answer all the questions.

**Question 1 (CLO2, C3)**

a) Sketch the following graph.

- i. A Complete graph of  $K_6$ .

(2 marks)

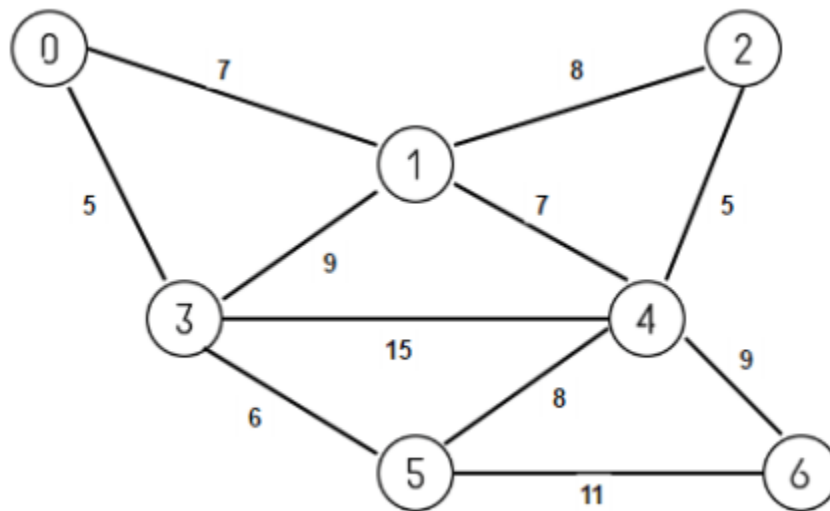
- ii. A complete bipartite graph of  $K_{4,3}$ .

(3 marks)

**Question 2 (CLO2, C3)**

a) Find and draw the minimum spanning tree by using Prim's Algorithm.

(5 marks)



~ END OF QUESTIONS ~