**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**BCS 110: FUNDAMENTALS OF COMPUTING ASSIGNMENT*(50 Marks)***

1. State and explain the three basic elements of communication (3 marks)
2. Explain the following generic forms of Networks (6 marks)
3. Timesharing
4. Distributed Processing
5. Client/Server Computing
6. List and explain any five importance of networking (5 marks)
7. Explain the five important Components of a Communication Network

(5 marks)

1. Differentiate between Guided Media and Radiated media (2 marks)
2. Differentiate between Twisted Pair, Coaxial Cable and Fiber-Optic Cable bringing out their major characteristics(6 marks)
3. Identify and briefly describe three types of wireless networks (6 marks)
4. What is a network topology? (2 marks)
5. Explain three types of network topologies (6 marks)
6. Describe the three types of networks (9 marks)