**Course:** Computer applications **Program:** BS (MLT & Microbiology)

**Semester:** 4th **Major Assignment**

**Total Marks:** 30 **Instructor:** Zakir Rahim

Due Date: 11th May,2020

**Instructions:**

* Students are required to solve the provided assignment and upload it on SIC before 14th May 2020.
* The solutions can be type-written or hand-written.
* In case of handwritten solutions, you are required to copy pictures of the solved assignment in Ms-Word and upload it.
* The solutions must be uploaded either in Ms-Word format or pdf format.
* Students are required to save the file with their name and student id. For example ahmad\_12345.

Q1. (a) Discuss the importance of Application software for users? (5)

(b) Write a few benefits of open source software, list a few open source software’s? (5)

Q2. Explain different modes of data transmission? (10)

Q3. Based on the discussion related to internet and its services, Explain TelNet service and how users can benefit from it? (10)