B.Sc. (Cardiac Care Technology) (Semester –2nd)
COMPUTER FUNDAMENTAL
Subject Code: BCCTS1211
Paper ID: [21132413]

Time: 03 Hours   **Maximum Marks: 60**

Instruction for candidates:
1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A   **(2 marks each)**

Q1. Attempt the following:
   a) Convert 11000010 from base 2 to 16.
   b) What is the difference between flowchart and data flow diagram?
   c) Why HTML is called Markup language?
   d) What is DBMS?
   e) What is FTP?
   f) What is the use of format painter in MS Word?
   g) Define Multiprogramming
   h) What is Laboratory Information Management System?
   i) What are spreadsheets?
   j) What is web server?

Section – B   **(5 marks each)**

Q2. What is information System? How feasibility analysis plays an important role in developing the information system?
Q3. Explain different type of topologies for the computer network.
Q4. Explain the feature of MSACESS software used for managing the databases.
Q5. What is mail merge? How we can do mail merge in MS-Word
Q6. Explain data analysis? How we can achieve it?

Section – C   **(10 marks each)**

Q7. Discuss the role of different software like MS-EXCEL, MS-Word, Power Point and Databases in clinical studies
Q8. How Operating System acts as a overall manager of the computer System. Justify your answer by giving examples.
Q9. Write short note on
   a. Telnet
   b. Difference between ones complement and 2's complement.
   c. CSS
   d. Intranet vs Internet.