2022

BMLT

[Sixth Semester]

Paper - 33 (Theo)

Full Marks : 40

Time : 2 hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

COMPUTER APPLICATOIN, BIOMEDICAL AND HEALTH CARE SYSTEM

1. **Answer any five questions.**   **5×2=10**

a)   Differenciate between hardware and software.

b)   What is ALU? Mention the function of it.

c)   What do you mean by Tele medicine?

d)   Write down the full form of USG and EEG.

e) Mention different application of MS Office.

f) Differenciate between input and output devices of a computer with example.

g) What is operating system? Give example.

h) What do you mean by biomedical waste?

2. **Answer any 4 (four) questions.** 4×5=20

a) Describe the process of interactive patient's education and councelling.

b) Write the role of computer in automation of pathological laboratory.

c) Mention different application of Multimedia in Laboratories.

d) Mention the basic principle of ECG and types of leads with significance.

e) Mention different generations of computer and their specific features.

f) Give a brief idea about digital computer application in patient monitoring.

3. **Answer any one question.** 1×10=10

a) Classify biomedical waste. Briefly describe the waste management procedure. 4+6

b) What is the necessity of skilled professional development in the field of biomedical informatics. Write down the type of data stored in pathological laboratory. Mention the application of MS Word and Powerpoint in patient's data mangement.