

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)
B.Sc. (Lab Sci) Sem-I : WINTER- 2022
SUBJECT : COMPUTER RELATED TO MEDICAL CARE

Day : Friday

Time : 10:00 AM-12:00 PM

Date : 27-01-2023

W-21598-2022

Max. Marks : 40

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
-

Long Answer Questions (**ANY TWO out of FOUR**)

- Q.1** Explain logical organization of computer, advantages of computer and types of computers. (10)
- Q.2** Describe purpose of input devices (Eg. Keyboard, Mouse, Scanners, Barcode readers, Credit/Debit/Smartcards) (10)
- Q.3** Explain development of computerized medical record information processing system (EMR's) (10)
- Q.4** Identify operating system and their attributes (i.e. DOS, Unix, Macintosh, Windows, Linux) (10)

Short Answer Questions (**ANY FOUR out of SIX**)

- Q.5** Discuss about software copyright law. (05)
- Q.6** Write short notes on: (05)
- a) PACS (Picture Archival System)
 - b) Dicomviewer
- Q.7** Describe about web browsers and its features. (05)
- Q.8** Explain various computer memory types. (05)
- Q.9** Converting the following: (05)
- 1) $(101101)_2$ to decimal
 - 2) Suppose 560 is a decimal number. Convert it into an octal number.
 - 3) Convert the following Binary number 1110 10102 into its Hexadecimal number equivalent.
- Q.10** Explain use of AUTOSUM feature in Ms Excel with suitable example. (05)

* * *