BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Cardiovascular Technology) Sem - I : WINTER- 2022
SUBJECT : COMPUTER RELATED TO MEDICAL CARE

Day : Friday   Time : 10:00 AM-12:00 PM

Date : 27-01-2023   **W-23326-2022**   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   **(10)**
types of computers.

Q.2   Describe purpose of input devices (Eg. Keyboard, Mouse, Scanners,   **(10)**
Barcode readers, Credit/Debit/Smartcards)

Q.3   Explain development of computerized medical record information   **(10)**
processing system (EMR's)

Q.4   Identify operating system and their attributes (i.e. DOS, Unix, Macintosh,   **(10)**
Windows, Linux)

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)**

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