

**BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY)(CBCS-2019 COURSE)**  
**B.Sc. (R&IM) Sem-I : WINTER- 2022**  
**SUBJECT : COMPUTER RELATED TO MEDICAL CARE**

Day : Friday

Time : 10:00 AM-12:00 PM

Date : 27-01-2023

**W-21586-2022**

Max. Marks : 40

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**N.B.**

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

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