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**BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)**  
**B. Pharm. Sem-II : WINTER- 2022**  
**SUBJECT : COMPUTER APPLICATIONS IN PHARMACY**

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 27-01-2023

**W-21433-2022**

Max. Marks : 50

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**N. B. :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answers to both the sections should be written in **SEPARATE** answer books.
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**Q. 1** Answer **ANY TWO** of the following: **(2 × 10 = 20)**

- a) What is number system? Describe types of number system with examples.
- b) Explain programming languages in detail.
- c) What is patient monitoring system? Explain different monitoring systems.

**Q. 2** Answer **ANY SIX** of the following: **(6 × 5 = 30)**

- a) Define the following terms:
  - i) Computer
  - ii) Hardware
  - iii) Software
  - iv) motherboard
  - v) Bus
- b) Explain in detail RAM and ROM.
- c) Discuss in short about information system project life cycle.
- d) What is the future of pharmacy information system? Enlist software used in pharmacy.
- e) What is meant by web technology? Explain types of web pages?
- f) Describe drug database in detail.
- g) Describe impact of bioinformatics in vaccine discovery.
- h) Explain LIMS.

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