

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

Day : Thursday
Date : 18-08-2022

S-21433-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 50

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) Write a descriptive note on data flow diagram.
- b) Write a descriptive note on XML.
- c) Write a short note on:
 - i) Barcode medicine identification
 - ii) Automated dispensing

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

- a) Describe all generations of computer.
- b) Discuss decimal numbers system and hexadecimal number system with example.
- c) Explain Input and Output design.
- d) Describe pharmacy information system.
- e) What is CCS? Explain types of CCS.
- f) Write a short note on:
 - i) Web sever
 - ii) Web server products
- g) Explain DBMS work environment diagrammatically.
- h) Explain mobile technology in detail.

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