End Semester Regular Summer Theory Examination 2022

Subject and subject code: Computer Application in Pharmacy (BPH205T)

Day & Date: Monday, 12 Sept. 2022   **Semester: II/IV**

Class: F.Y/ DSY B. Pharm   **Max. Marks**: 50

Duration: 2 hr, (10:00 am to 12:00 pm)

Instructions:
1.   *All questions are compulsory*
2.   *Draw a well labeled diagram wherever necessary*
3.   *Figures to the right indicates full marks*

Q. I. Attempt any two of the following (Long answer)   **(2×10=20) Marks**

1. Explain the Drug Development process and Chromatographic Data System(CDS)

2. Enlist the applications of computer in Pharmacy and explain any four in details

3. What is number system? List the names of number system with their range. With the help of given examples, explain the steps of conversion of Decimal number to Binary number system. a. 125.125   b. 325

Q. II. Attempt any six of the following   **(6 ×5=30) Marks**

1. Complete the following table. (for example, in first row, binary number 10101101 is given, write equivalent decimal, octal and hexadecimal numbers in first row of respective column)

Binary	Decimal	Octal	Hexadecimal
10101101	………..	………..	………..
………….	122	………..	………..
…………	…………	122	…………

2. Define Biological databases, classify it, and note database use to show proteomic, genomic sequences

3. What is Bioinformatics? Describe the detailed Impact of bioinformatics on Vaccine discovery

4. Write or list the characteristics of DBMS

5. What is HTML, explain the following HTML tags in brief,

a. HTML tag,   **b.** HEAD tag,   **c.** TITLE tag,   **d.** BODY tag

6. Define e-prescription? Write about the Barcode system used in Pharmacy

7. Discuss the Application of computers in Pharmacokinetics

8. Write a Note on the Laboratory Information Management system in detail

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