



Model Paper

End Semester (2nd Sem.) Examination, June-2023

Program: B. Pharm

Semester: 2nd Sem

Course: Computer Applications in Pharmacy

Course Code: BP205 T

Course Objective:

- To know the various types of application of computers in pharmacy.
- To know the various types of databases.
- To know the various applications of databases in pharmacy.

UNIT-I

Short Question

(5 Marks)

1. Explain BCD. [CO 1- REMEMBER]
2. What do you mean by webpage? [CO 1- REMEMBER]
3. What is system software? Explain with its types. [CO 1- UNDERSTAND]
4. Explain number system. [CO 1- REMEMBER]

Long Question Marks)

(10

1. Differentiate between computer hardware and computer software. [CO 1- REMEMBER]
2. What is SDLC? Explain with its phases. [CO 1- UNDERSTAND]
3. What do you mean by hardware? Explain different components of it. [CO 1- REMEMBER]

4. Explain DFD with its types. [CO 1- UNDERSTAND]
5. Define the following :- [CO 1- UNDERSTAND]
 - (i) Octal number system
 - (ii) Binary number system
 - (iii) Hexadecimal number system
 - (iv) Feasibility analysis
 - (v) Input devices

UNIT-II

Short Question

(5 Marks)

1. Illustrate HTML? Explain some important tags with example. [CO 2- CREATE]
2. What do you mean by programming language? [CO 2- REMEMBER]
3. Explain database. [CO 2- UNDERSTAND]
4. Define XML. [CO 2- UNDERSTAND]
5. Define CSS. [CO 2- UNDERSTAND]

Long Question

(10 Marks)

1. Create a HTML webpage to show personal information. [CO 2- CREATE]
2. Define DBMS with its types. [CO 2- UNDERSTAND]
3. What do you mean by webserver? Write down the advantages and disadvantages of it.
[CO 2- UNDERSTAND]
4. Write down the difference between HTML and CSS. [CO 2- ANALYSE]
5. Explain MS. Access? Write down the difference between MS. Access and MYSQL.
[CO 2- ANALYSE]

UNIT-III

Short Question

Marks).

(5

1. What is drug? [CO 3 - REMEMBER]
2. Explain barcode. [CO 3 - REMEMBER]
3. Write down the advantages of drug database. [CO 3 - ANALYSE]
4. Discuss pharmacokinetics? [CO 3 - REMEMBER]
5. Explain mobile technology. [CO 3 – UNDERSTAND]

Long Question**(10 Marks)**

1. Write down the difference between storage and retrieval. [CO 3 - ANALYSE]
2. Define table? Write down the steps to create a database in MS Access. [CO 3 - CREATE]
3. Explain the different types of web server. [CO 3 - ANALYSE]
4. What is the need of computer in pharmacy? Explain briefly. [CO 3 - ANALYSE]
5. What is electronic prescribing system? Explain the advantages of it. [CO 3 - ANALYSE]

UNIT-IV**Short Question
Marks)****(5**

1. Explain the role of barcode. [CO 4 - REMEMBER]
2. What do you mean by patient monitoring system? [CO 4 - ANALYSE]
3. What is Lab-diagnostic system? [CO 4 - REMEMBER]
4. Explain the use of barcode in medicine identification. [CO 4 - UNDERSTAND]

Long Question**(10 Marks)**

1. What is the impact of bioinformatics in vaccine discovery? [CO 4 - ANALYSE]
2. Explain pharma information system with its types. [CO 4 - REMEMBER]
3. Write down the benefits of Library Information Management System.
[CO 4 - ANALYSE]
4. Define diagnostic system. [CO 4 - REMEMBER]

UNIT-V**Short Question****(5 Marks).**

1. Discuss the meaning of automated dispensing of drugs? [CO 5 - REMEMBER]
2. Illustrate chromatography. [CO 5 - REMEMBER]
3. What is bioinformatics? [CO 5 - REMEMBER]

Long Question**(10 Marks)**

1. Write down the steps to planning and managing the project. [CO 5 - CREATE]

2. Write down the steps to design from in MS Access to view, add, delete and modify the patient record in database. [CO 5 - CREATE]
3. Write down the objectives of bioinformatics. [CO 5 - REMEMBER]
4. What is Text Information Management System? Explain the use of it in pharmacy.
[CO 5 - REMEMBER]
5. What is Chromatography data system? Explain with its different functions.
[CO 5 - ANALYSE]
6. Explain the different module of Library Information Management System.
[CO 5 - ANALYSE]

Course Outcome:

1. Understand and explain concept of binary system in computers and basic of information system.
2. Understand and explain HTML, XML, CSS, Programming languages and drug databases.
3. Understand and explain applications of computers in Pharmacy.
4. Understand and explain the concept of bioinformatics and its impacts.
5. Understand and explain application of computers in drug development.

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Disclaimer: - This is a Model Question Paper. The Question in End term examination will differ from the Model Question Paper. This Model Paper is meant for practice only.