ASBASJSM College of Pharmacy, Bela
Non university Exam B.Pharm 2nd sem
Theory Final Examination July 2021
Subject – Computer application in Pharmacy
Sub Code- BP205T

MM:50

Time:2 hour

Section A   Attempt any 2 Question

(02X10=20)

Q-1) Describe Hospital and clinical Pharmacy. Also discuss applications of computers in hospital and clinical pharmacy.

Q-2) Discuss Text Information Management System and its benefits.

Q-3) Describe briefly various various types of Programming languages and their advantages and disadvantages?

Section B Attempt any 6 Question

(6X5=30)

Q-1) What do you understand by the term Bioinformatics?

Q-2) Write a note on Input/output design.

Q-3) What do you understand by Electronic Prescription? What are its benefits?

Q-4) What do you understand by Binary and Octal number system? With example.

Q-5) Explain TIMS and its Benefits.

Q-6) Explain CSS and what are its Advantages.

Q-7) What are the steps of process life cycle?

29/6/22 (M)

Roll Number ------------------------- (Total Number of Questions 10)   (Total number of Printed Pages 01)

Programme	B. Pharmacy
Semester	2nd
Subject	Computer applications in Pharmacy
Subject Code	BP205T
Paper ID	74971
Time	2 Hours
Maximum Marks	50

Instructions to Candidates: No supplementary/continuation sheet will be issued to the candidates. Answer the questions precisely.
Section A consists of Three questions carrying 10 marks each (Long Answer); attempt any TWO.
**Section B consists of Seven questions carrying 5 marks each (Short Answer); attempt any SIX.*

Section A   (2 X 10 = 20)

1.	Describe briefly various programming languages with their advantages and disadvantages.
2.	Discuss in detail Laboratory information management system.
3.	What do you understand by the binary decimal and octal number system? Explains with the help of examples?

Section B   (6 X 5 = 30)

4.	Explain the CSS and their advantages.
5.	Give a short note on MS Access.
6.	Illuminate the role of computers in preclinical development.
7.	Write a note on TIMS.
8.	Highlight the role of computers in bioinformatics.
9.	Explain the role of computers in hospital pharmacy?
10.	Write a short note on Input/output design.

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Note: Disclosure of identity by writing mobile number or making request for passing on any page of answer-sheet will lead to UMC against the candidate.

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Semester	2nd
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Subject Code	BP205T
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Section B consists of Seven questions carrying 5 marks each (Short Answer); attempt any **SIX.

Section- A   (2X 10=20)

1.	Describe the role of Computers in Hospital and clinical pharmacy with main emphasis on Electronic Prescribing and discharge (EP) systems, barcode medicine identification and automated dispensing of drugs.
2.	How computers are useful in data analysis for preclinical development of drugs?
3.	Deliberate text information management system and its benefit.

Section- B   (6X 5=30)

4.	Explain the term bioinformatics.
5.	Write a short note on HTML, XML and CSS
6.	Illuminate the pharmacy drug database and its benefit.
7.	Write a note data flow diagram.
8.	Explain the role of computers in pharmacokinetics and mathematical modelling of drug design.
9.	What do you understand by the binary and octal number system? Explains with the help of examples.
10.	What are the various steps of process life cycle?

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Section A consists of Three questions carrying 10 marks each (Long Answer); attempt any **TWO.*
***Section B consists of Seven questions carrying 5 marks each (Short Answer); attempt any **SIX**.*

Section- A (2X10=20)

1.	Explain binary subtraction using one's compliment and two's compliment method giving a suitable example.
2.	Describe the various applications of computers in pharmacy.
3.	Elaborate the laboratory information management system (LIMS) in detail.

Section- B (6X5=30)

4.	Define the rules of binary to decimal and decimal to binary conversion.
5.	Explain the concept and life cycle of information system or software development.
6.	How the computers are helpful in bioinformatics and hospital pharmacy?
7.	Explain the use of diagnostic system.
8.	Explain the use of MySQL and MS-Access.
9.	Give a short note on TIMS.
10.	Define HTML, XML and CSS.

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Roll Number -------------------------(Total Number of Questions 10)   (Total number of Printed Pages 01)

Programme	B. Pharmacy/ B. Pharmacy (LEET)
Semester	2nd/4th
Subject	Computer Application in Pharmacy
Subject Code	BP205T
Paper ID	94637
Time	2 Hours
Maximum Marks	50

Instructions to Candidates: No supplementary/continuation sheet will be issued to the candidates. Answer the questions precisely.

*Section A consists of Three questions carrying 10 marks each (Long Answer); attempt any **TWO**.

Section B consists of Seven questions carrying 5 marks each (Short Answer); attempt any **SIX.

Section- A   (2X 10=20)

1.	Explain the process life cycle.
2.	Describe various types of programming languages along with their advantages and disadvantages.
3.	Explain Laboratory Information Management System (LIMS) and Text Information Management System (TIMS), and mention their benefits.

Section- B   (6X 5=30)

4.	What is meant by the term Chromatographic Data Analysis?
5.	List the steps involved in binary addition, subtraction, and multiplication, with one example of each.
6.	Differentiate between HTML and XML.
7.	Briefly outline the impact of bioinformatics on vaccine discovery.
8.	What is an Electronic Prescription? Mention its benefits.
9.	Briefly define hospital and clinical pharmacy, and explain the applications of computers in both.
10.	Present a detailed account of pharmacokinetics.

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