

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2123)

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B. Pharmacy 3rd Semester Examination
Computer Science and Applications (N.S.)
BP-236

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt Any Two questions from Section-A, Any Eight questions from Section-B and All questions from Section-C.

SECTION - A

1. What is a computer? What are characteristics of computers? Discuss the important features and uses of micro, mini, mainframes and supercomputers. (10)
2. Describe the applications of computers in pharmaceutical and clinical fields. (10)
3. What is meant by network topology? With the help of diagrams, explain various network topologies used in networks. (10)

SECTION - B

4. Explain the working of a computer mouse. (5)
5. Describe organization of data on Hard disk. (5)
6. Differentiate between internal and external DOS commands with examples. (5)
7. Describe briefly different generations of programming languages. (5)

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8. Differentiate between time-sharing and multiprogramming operating systems. **(5)**
9. List any five advantages of MS-Word over traditional type-writing. **(5)**
10. Differentiate between bounded and unbounded communication media with examples. **(5)**
11. Define computer virus. How many types of virus can infect the computer? **(5)**
12. Express your views about advantages and disadvantages of social media sites. **(5)**
13. Explain the following fields in an e-mail: To, Subject, Cc, Bcc and Attach files. **(5)**

SECTION - C

14. List the actual size of MB & GB memory size in figures. **(2)**
15. Differentiate between 'Save' and 'Save As' in MS Word. **(2)**
16. What is the function of a modem? **(2)**
17. Differentiate between a compiler and an interpreter. **(2)**
18. List two functions of an operating system. **(2)**