

Roll No.

Total No. of Questions : 10]

[Total No. of Pages : 02

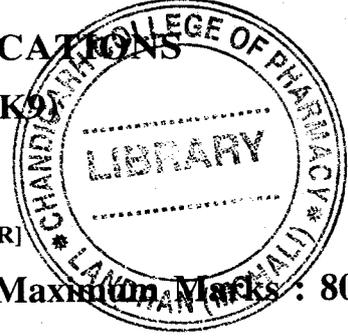
B.Pharmacy (Sem. - 1st)

COMPUTER SCIENCE AND APPLICATIONS

SUBJECT CODE : PHM - 1.1.5 (2K9)

Paper ID : [D0148]

[Note : Please fill subject code and paper ID on OMR]



Time : 03 Hours

Maximum Marks : 80

Instruction to Candidates:

- 1) Section - A is Compulsory.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Three** questions from Section - C.

Section - A

Q1)

(15 × 2 = 30)

- a) Add the following binary numbers 1111,1111.
- b) Differentiate between semiconductor and magnetic core memory.
- c) What do you mean by operating system?
- d) Differentiate between LAN and WAN.
- e) Write basic features of object oriented languages.
- f) Write a note on mail merge feature of MS-word.
- g) Write applications of computer in drug information system.
- h) Differentiate between compiler and interpreters.
- i) What do you mean by virus?
- j) Write a note on cache memory.
- k) What is an array?
- l) Differentiate between high level and low level languages.
- m) Draw a flow chart to add two numbers.
- n) Convert from decimal to octal $(169)_{10} = (\dots\dots\dots)_8$?
- o) Differentiate between bounded and unbounded communication.

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P.T.O.

Section - B

(4 × 5 = 20)

- Q2)* What do you mean by computer? Explain its characteristics.
- Q3)* What are the major difference between DOS and window?
- Q4)* What is a loop? Explain all types of loops with the help of suitable example in "C".
- Q5)* Explain objectives and types of graphics.
- Q6)* Explain network topologies.

Section - C

(3 × 10 = 30)

- Q7)* Explain OSI reference model.
- Q8)* Describe basic steps involved in software development.
- Q9)* Explain pharmaceutical applications of computer.
- Q10)* Write a detailed note on computer generations.

