

Roll No.

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B.Pharmacy (Semester - 1st)

COMPUTER SCIENCE AND APPLICATIONS (PHM - 1.1.5)

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 x 2 = 30)

- a) Explain computer generations.
- b) Give the binary equivalent of 109.
- c) Explain Cache and Virtual memory.
- d) Explain directories and files.
- e) Discuss LAN and WAN.
- f) What are the various hardware components of communication Networks?
- g) Explain low level and high level languages.
- h) What is flow chart? Mention its uses.
- i) Explain various I/O statements in C.
- j) Explain the loops in C language.
- k) Give an account of printing set ups to print a word document.
- l) How do you import/export data using power point?
- m) Explain a work sheet.
- n) Explain various types of graphics.
- o) Explain briefly the various applications of computers in Pharmaceutical industry.

P.T.O.

Section - B

(4 x 5 = 20)

Q2) Give a brief account of historical perspectives of computers.

Q3) Explain various secondary storage devices and their organisation.

Q4) Discuss briefly the Network topologies.

Q5) Explain the basic steps involved in software development.

Q6) Write a simple program in C to find the area of a circle.

Section - C

(3 x 10 = 30)

Q7) Explain in detail the various salient features of windows as an operating system.

Q8) How do you prepare a word document & print? Explain the process in sequence.

Q9) How a computer gets affected by virus? And how you detect and cure.

Q10) How computers are used in drug design?
