

Roll No

PY-102**B. Pharmacy I Semester**

Examination, June 2015

Computer Applications*Time : Three Hours**Maximum Marks: 70*

- Note:** i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.
 ii) All parts of each questions are to be attempted at one place.
 iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.
 iv) Except numericals, Derivation, Design and Drawing etc.

Unit - I

1. a) Write the importance of cache memory.
 b) Compare Primary and Secondary memory.
 c) Convert Hexadecimal number $(F3)_{10}$ in to decimal number.
 d) What is software? What are its different types? Explain each in detail.

Or

Draw block diagram of computer system and explain each block.

Unit - II

2. a) What are the functions of kernel and shell?
 b) List Two commands of DOS and UNIX for performing the same task.
 c) What is deadlock? What are the necessary conditions for a deadlock to occur?
 d) Write short notes on:
 i) DOS ii) UNIX iii) Windows

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Or

Define an operating system. Explain various types of operating system.

Unit - III

3. a) What are the advantages of the computer networks?
 b) Explain the difference between Internet and World Wide Web.
 c) Compare LAN, MAN and WAN.
 d) Explain the various topologies used in computer network.

Or

Write short notes on the followings:

- i) WWW ii) Website
 iii) e-mail

Unit - IV

4. a) Compare compiler and interpreter.
 b) List data types commonly used in 'C'.
 c) Explain Algorithms, complexities and flowcharts.
 d) Write a program to check whether a given number is odd or even using if else statements.

Or

Describe the importance of pointers and arrays used in 'c' language.

Unit - V

5. a) How is table inserted in to the word document?
 b) What are the steps of inserting date in the presentation?
 c) How do you think that MS power point is useful?
 d) Explain the salient features of MS word, MS Excel and MS power point 2007.

Or

What are the different methods of accessing MS word 2007, MS Excel 2007 and MS power point 2007?