

Roll No.....

PY-102

B.Pharmacy I Semester

Examination, December 2016

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 question 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.

1. a) What are the major components of computer system?
- b) Differentiate between digital and analog computers.
- c) What is secondary storage? How it differs from a primary storage?
- d) Differentiate the following :
 - i) RAM and ROM
 - ii) Micro and mini computer
 - iii) Hardware and software.

OR

Write note on "different types of Input and output devices".

2. a) What is meant by operating system?
- b) List out any three Internal and external DOS command.
- c) Compare DOS, unix and windows operating system.
- d) Explain windows operating system. What are the basic elements of windows operating system.

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OR

What are different types of operating system? Discuss any two of them.

3. a) What is computer Network? How it is useful?
- b) What is Algorithm and flowchart?
- c) Explain the basic concept of LAN, MAN and WAN.
- d) What do you meant by network topologies? Explain each with advantages and disadvantages?

OR

Differentiate high level language and machine level language with their advantages and disadvantages.

4. a) What are different data types in 'C' language?
- b) Write input and output function in 'C' language.
- c) Write a program in 'C' language to print table of six using for loop.
- d) Explain different control structures of 'C' language with their syntax and example.

OR

Write a program in 'C' language that input two number a and b and prints out their sum, difference and product.

5. a) What is mail merge?
- b) What is MS-Word and why we use it?
- c) Explain data sort and data filter in MS-Excel.
- d) What do you understand by Import and Export of files/ data?

OR

How can we create a presentation using slide master and write necessary steps to create it?