

Roll No

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

Examination, December 2012

Computer Applications*Time : Three Hours***rgpvonline.com***Maximum Marks : 70***Note:** Attempt any five questions. All questions carry equal marks.

1. a) What are the essential components of a computer? Draw the block diagram of a computer showing its components and discuss the function of each component.
b) Discuss the important features of various generations of computers.
2. a) Compare the following with examples:
i) Primary and secondary memory
ii) Hardware and software
b) Convert the following:
i) 97 (Decimal to binary)
ii) 10011010 (Binary to decimal)
iii) 10110111 (Binary to octal)
3. a) What are the functions of operating system? Explain. Discuss various types of operating systems.
- b) What do you understand by internal and external commands? Give three external commands with examples.
4. a) Describe various network topologies in brief.
b) Explain the following terms:
i) TCP/IP ii) IP address iii) HTML iv) MAN
5. a) Explain the OSI reference model of network architecture.
b) Write a brief note on transmission media.
6. a) Compare the following:-
i) Machine language and high level language
ii) Compiler and interpreter.
b) Draw a neat flow chart to get the sum of N given numbers.
7. a) Describe various data types available in 'C' language with examples.
b) Write a program in C to read an array of integers and replace each of its element by its successor.
8. a) Give general features of any word processing software. Give the names of some word processing softwares.
b) With suitable examples give any five operations that can be performed in MS-Excel.

rgpvonline.com
