

Roll No

PY-306

B.Pharm., III Semester

Examination, December 2016

Choice Based Credit System (CBCS)

Computer Applications in Pharmacy

Time : Three Hours

Maximum Marks : 60

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is Number system? What is its importance in computers.
b) Express the following in one's complement and two's complement
 - i) 230
 - ii) 53
2. a) Explain the following:
 - i) Data flow diagram
 - ii) Feasibility analysisb) Write short note on "Planning and Managing the project".
3. a) Explain the following terms:
 - i) HTML
 - ii) XML
 - iii) CSSb) Explain the following:
 - i) Databases
 - ii) Pharmacy Drug Database

4. Discuss in brief application of computers in pharmacy.
5. a) What is concept of Bioinformatics? What are its objective of Bioinformatics?
b) Discuss the impact of Bioinformatics in vaccine discovery.
6. a) What is Chromatographic data analysis and Text information management system? Explain.
b) Discuss on "Laboratory information management system".
7. Write short note on following:
 - a) Lab-Diagnostic system
 - b) Pharma information system
 - c) Patient monitoring system
8. Explain the following:
 - a) Barcode medicine identification and automated dispensing of drugs in pharmacy.
 - b) Mobile Technology and Adherence monitoring in Pharmacy
