

**B. PHARM.**  
**(SEM-II) THEORY EXAMINATION 2018-19**  
**COMPUTER FUNDAMENTALS**

**Time: 3 Hours****Total Marks: 70****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 7 = 14**
- a. What is multiuse operating system? Give examples.
  - b. Differentiate between an Optical Mouse and Mechanical Mouse.
  - c. Distinguish between sequential access files and random-access files.
  - d. What are the different symbols used in a Flowchart?
  - e. What is central processing unit?
  - f. How do you create new blank worksheet in MS-Excel?
  - g. What do you understand by telemedicine?

**SECTION B**

- 2. Attempt any three of the following: 7 x 3 = 21**
- a. Define Internet. Explain different services of Internet.
  - b. Discuss some of the important features of Windows.
  - c. Describe major equipment used in a data communication network.
  - d. Define operating systems. Explain its major functions.
  - e. List any three internal and two external MS-DOS commands with proper syntax.

**SECTION C**

- 3. Attempt any one part of the following: 7 x 1 = 7**
- (a) Draw the basic block diagram of a computer. Give significance of its major components.
  - (b) What do you understand by real time system? Explain
- 4. Attempt any one part of the following: 7 x 1 = 7**
- (a) How UNIX is different from MS-DOS? Explain.
  - (b) What is the purpose of MS-Excel? Explain how to create a sheet containing the roll\_no, name and total marks of 10 students.
- 5. Attempt any one part of the following: 7 x 1 = 7**
- (a) How to create a document in Word 2003 with proper left, right, top, and bottom margins? Explain the steps used for it.
  - (b) How to create a table in Word 2003? Give various steps for a 10 row by 7 columns table and the text in that should be left justified.

6. Attempt any *one* part of the following: 7 x 1 = 7
- (a) Explain the various applications of computer in pharmaceutical and clinical studies.
  - (b) Create a database to store the data about various technical institutions (assume appropriate attributes yourself) in MS-Access 2003 illustrating all the steps.
7. Attempt any *one* part of the following: 7 x 1 = 7
- (a) With the help of a block diagram, explain the basic organization of a computer system.
  - (b) Write various advantages of windows over DOS operating environment.