

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

*Time: 3 Hours**Total Marks: 100***Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. What do you understand by the term RAM and ROM?
 - b. How UNIX is different from MS-DOS?
 - c. Differentiate between local area network and wide area network.
 - d. What is the purpose of MS-Excel?
 - e. Differentiate between LAN, MAN, WAN.
 - f. What do you understand by real time system?
 - g. Define Program.
 - h. What is modem?
 - i. Differentiate the batch and interactive operating system.
 - j. What do you understand by truth table?

SECTION B

- 2. Attempt any three of the following: 10 x 3 = 30**
- a. Discuss system software and application software with suitable examples.
 - b. Differentiate between a repeater and router in context of networking.
 - c. What is the concept of four 'P's in context to presentations? Explain.
 - d. How to add the animation and multimedia effects in a presentation? Explain.
 - e. What is a form? How to create a form in MS-Access 2003? Explain

SECTION C

- 3. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss some of the important features of Windows.
 - (b) Write a detail note on evolution of Operating System.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- (a) What do you understand by a database? How do you create a table in MS Access?
 - (b) What are the Various components of computer system? Explain.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- (a) What are various types of computer classifications? Describe any two of them.
 - (b) List the various functions of operating system. Also define the batch and interactive operating system.
- 6. Attempt any one part of the following: 10 x 1 = 10**
- (a) Discuss in detail about the Uses of internet in Pharmaceutical industry.
 - (b) What do you understand by the data models and instance? Explain.

7. Attempt any *one* part of the following: **10 x 1 = 10**
- (a) How to create a document in Word 2003 with proper left, right, top, and bottom margins? Explain the steps used for it.
 - (b) Explain the various applications of computer in pharmaceutical and clinical studies.