

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

Time: 3 Hours**Total Marks: 100****Note: 1. Attempt all Sections.****SECTION A****1. Attempt all questions in brief.****2 x 10 = 20**

- a) Explain any four shortcut keys used in MS Excel.
- b) Explain different types of operating systems.
- c) Write a short note on repeater.
- d) What is Telemedicine?
- e) Write a short note on single-user operating system?
- f) Why Macros are used? Explain with an example.
- g) Write about MS-Word document creation.
- h) What do you understand by Firmware?
- i) What do you mean by volatile memory?
- j) What is database? How it is different from a file.

SECTION B**2. Attempt any three of the following:****10 x 3 = 30**

- a) What do you mean by Computer Network? Explain with suitable example.
- b) List any three input and output devices by giving their application.
- c) What is an Operating System? Write its major functions.
- d) What do you understand by MS-DOS? Give the example of any four internal MS-DOS commands with proper syntax
- e) What is processing of creating a new blank worksheet or spreadsheet?

SECTION C**3. Attempt any one part of the following:****10 x 1 = 10**

- (a) Describe use of internet in Pharmaceutical Industry in detail.
- (b) What are registers? List out the commonly use registers in the CPU and explain their functions.

4. Attempt any one part of the following:**10 x 1 = 10**

- (a) What do you understand by Real-Time System? Describe Hard Real System.
- (b) Discuss in detail the use of computer in pharmaceutical industries and clinical studies with suitable examples.

5. Attempt any one part of the following:**10 x 1 = 10**

- (a) Explain various text functions used in MS Excel?
- (b) Explain various internetworking tools used in computer networking.

6. Attempt any one part of the following:**10 x 1 = 10**

- (a) Differentiate between LAN, MAN and WAN.
- (b) Explain the Computer Organization with suitable diagram.

7. Attempt any one part of the following:**10 x 1 = 10**

- (a) What are various topologies used in computer networks?
- (b) What do you understand by database and database management system?