

Roll No.

Total No. of Pages : 03

Total No. of Questions : 10

B.Pharma (2012 to 2016) (Sem.-1)
COMPUTER SCIENCE AND APPLICATION
Subject Code : BPHM-104
M.Code : 46204

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A**1. Write briefly :**

- (a) What is a high level language?
- (b) Distinguish between RAM and ROM.
- (c) What is magnetic core memory?
- (d) What is the difference between compiler and interpreter?
- (e) What do you mean by handling drives? Explain.
- (f) What is virtual memory?
- (g) What is a Flow chart?
- (h) What are presentation packages in PowerPoint?
- (i) What are symbolic constants in 'c'?
- (j) What are relational expressions in 'c'?

- (k) What do you mean by virus detection and prevention?
- (l) What do you mean by drug design?
- (m) What are the steps in software development?
- (n) What are the types of graphics?
- (o) What are the nested looping statements in 'c' language?

SECTION-B

- 2. Distinguish between Primary and Secondary memory devices.
- 3. What is cache memory? Where in a computer system is it placed? What is its importance? How it works?
- 4. What are the rules, conventions and symbols used in flow charts? Explain.
- 5. What are the various looping statements used in 'c' language? Explain with examples.
- 6. What are worksheets? What are the basic operation that are used in these sheets? Explain.

SECTION-C

- 7. Explain the following applications :
 - (a) Hospital and Community Pharmacy
 - (b) Pharmacokinetics and data analysis
 - (c) Drug Information Services

8. Explain the following :
- (a) IP address
 - (b) World-wide web
 - (c) Netsurfing
 - (d) Search Engine
 - (e) URL concept
 - (f) HTML
 - (g) Domain naming
 - (h) Browser
 - (i) Hypertext
 - (j) Web Portal
9. What is the need, organization and functions of an operating system? Explain internal and external commands with examples.
10. Write the process for the following :
- (a) Inserting a New Slide
 - (b) Applying a Design Template
 - (c) Viewing Slides in Slide Show View
 - (d) Closing a Presentation and Exiting PowerPoint
 - (e) Deleting a Slide

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.