

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.-1)
COMPUTER SCIENCE AND APPLICATION
Subject Code : BPHM-104
Paper ID : [D1105]

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 has to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students has to attempt any THREE questions.

SECTION-A**Q1 Write briefly :**

- a) What is the role of hardware in Computers?
- b) Differentiate RAM and ROM.
- c) Define operating System.
- d) What are the steps of creating directory and subdirectory?
- e) Compare compiler with interpreter.
- f) What is ring topology?
- g) Write types of Printer.
- h) What are logical and relational operators?
- i) Define data types in C.
- j) Discuss syntax and semantics.
- k) Name any two high level languages.

- l) Compare DOS with Windows.
- m) Which are transfer statements in C?
- n) What are presentation packages?
- o) Convert binary number 10001100 into hexadecimal number.

SECTION-B

- Q2 Discuss the generations of computers.
- Q3 Briefly explain Secondary storage devices.
- Q4 What are the basic steps involved in software development?
- Q5 Write a short note on Mail merge in MS word.
- Q6 Define Virus. How they are prevented?

SECTION-C

- Q7 What are the potential uses and abuses of the Internet? Explain.
- Q8 What is loop in C language? How to declare loops? Explain with suitable example.
- Q9 Explain the concept of drug designing. Name some of the simulation tools related to drug designing.
- Q10 Explain the functioning of MS Excel by taking any suitable example.