

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
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B. Pharmacy (Ayurveda) 1st Semester Examination

**Computer and Its Applications in
Pharmaceutical Sciences (CBS)**

BPA-105

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all by selecting one question from each unit. Question 9 is compulsory. All questions carry equal marks.

UNIT - I

1. What is a computer? Draw and discuss the basic organization of computer system and functions performed by each unit in details along with proper illustrations. (8+4=12)
2. (a) What is an operating system? Explain the various functions of it.
(b) List and explain the basic components of Windows in detail. (6+6=12)

UNIT - II

3. Write note on the following:
 - (i) Modes of data transmission.
 - (ii) Network topologies. (12)

2

16416

4. What are requirements for Internet? Also explain the different services provided by Internet. (12)

UNIT - III

5. What is a Computer Virus? How does computer virus spread? Write down the various ways to prevent it. (12)
6. What is the role of computers in the field of Pharmaceutical Sciences? Explain with illustrations. (12)

UNIT - IV

7. (a) What are the main features of MS Word? Explain Mail Merge and its advantages.
(b) Write a short note on spreadsheet package? How are cells inserted and deleted in a Worksheet? (6+6=12)
8. (a) Briefly explain the steps for creating a Power Point presentation.
(b) Explain Macro? Write down the steps to record a new macro in Power Point. (6+6=12)

UNIT - V

(Compulsory Question)

9. (a) What is recycle bin? What is its significance?
(b) Write four uses of computers.
(c) Explain various page views in MS WORD.
(d) Discuss ROM and its types?
(e) What is a Search Engine? Discuss two Search Engines.
(f) Define a function in Excel. Explain any three of the Excel functions with the help of examples. (2×6=12)