

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2124)

1675

**B. Pharmacy 1st Semester Examination
Computer Science & Applications (OS)**

HBP-111

Time : 3 Hours

Max. Marks : 80

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 selecting one from sections A, B, C and D. Section E is compulsory. All questions carry equal marks.

SECTION - A

1. (a) What is CPU? Explain the working of various parts of CPU. (8)
- (b) Discuss the working of colored CRT Monitor. (8)
2. (a) Convert 3573 into equivalent binary number. (8)
- (b) Add and subtract the two binary numbers viz. 1011001 and 111001. (8)

SECTION - B

3. (a) List the various functions of an operating system. Explain with example. (8)
- (b) What are the various types of an operating system? Explain with example. (8)
4. (a) What are the various types of wired media used in local area network? Give the characteristics of each. (8)
- (b) What are the possible abuses of Internet? Discuss. (8)

[P.T.O.]

SECTION - C

5. (a) Draw a flow chart to find the real roots of a quadratic equation. (8)
- (b) What is object oriented language? What are its advantage to real-life application development? (8)
6. (a) What are various arithmetic operators in C? Discuss their precedence in an expression. (8)
- (b) Explain the various types of loops in C with their syntax and use. (8)

SECTION - D

7. (a) What are various text formatting features in M.S. Word? Explain each. (8)
- (b) How a table is inserted and customized in MS-Word? Discuss. (8)
8. (a) Write steps and illustrate diagrammatically how the result of students can be prepared using MS-Excel. (8)
- (b) What are the various slide layout in MS-Powerpoints? Discuss each. (8)

SECTION - E

9. (a) What are the characteristics of first generation computers. (8)
- (b) How does Dot Matrix printer work? (8)
- (c) List the DOS system files used in booting. (8)
- (d) What is purpose of having clip board? (8)
- (e) Define flow chart. (8)
- (f) List the various primitive data types available in C. (8)
- (g) How do you insert a slide in MS-Powerpoint? Discuss any two methods. (8)
- (h) Define Pharmacokinetics. (2×8=16)