

**I B.Pharmacy I Semester Supplementary Examinations, Feb. 2015  
COMPUTER PROGRAMMING**

**Time: 3 hours**

**Max Marks: 75**

**Answer any FIVE Questions  
All Questions carry equal marks**

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1. What is the structure of C program? Explain the structure of a C program with an example. [15]
2. What is multi-way selection? Categorize and explain about multi-way selection with suitable examples. [15]
3. (a) What is the purpose of iteration statement?  
(b) What is the purpose of break and continue statement? [8+7]
4. (a) Define Multi dimensional array. Explain its usage by writing a program.  
(b) Explain the applications of arrays. [8+7]
5. (a) Explain the concept of 'Passing Arguments by reference'. Give an example with C – Program.  
(b) Explain in detail about Input and Output Functions with C – Program as an example. [7+8]
6. (a) What is a null pointer? When it is used?  
(b) What is a 'void' pointer. When 'void' pointer is used? [7+8]
7. (a) How to declare a structure in C explain with an example  
(b) How to access the elements of a structure explain with an example [8+7]
8. (a) What is a text file? Describe the various modes of opening a text file.  
(b) What is a binary file ? Describe the various modes of opening a binary file. [7+8]

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