

**I B.Pharmacy I Semester Supplementary Examinations, Oct/Nov 2013
COMPUTER PROGRAMMING**

Time: 3 hours

Max Marks: 75

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

1. (a) What is type conversion? Explain about types of type conversions with examples
(b) Write a C program to calculate and print quotient and remainder of using two numbers. [8+7]
2. (a) What are member selection operators? Give the syntax of member selection operators with examples, where we use these operators?
(b) Write C program to print Fibonacci series up to given integer using if statement. [7+8]
3. (a) Explain different looping statements with syntax and examples
(b) Write a C program to find the sum of the following series:
 $1^2+2^2+3^2+\dots n^2$ [8+7]
4. (a) Explain one-dimensional array and its operations?
(b) What are the operations with an array? Explain. [8+7]
5. (a) What is the advantage of using header files in 'C'?
(b) Write short notes on auto and static storage classes. [8+7]
6. (a) Explain the concept of
(i) Pointer Size Compatibility and (ii) Dereference Type Compatibility.
(b) Write a C Program as an example for the above two compatibility concepts using Pointers. [7+8]
7. (a) How structure is implemented using arrays? Give an example.
(b) Compare structure and union. [9+6]
8. (a) Explain handling of files using command line arguments
(b) Write a program to copy one file data into another file. [7+8]

