



D-2967

First Year B. Sc. (Computer Science) (Sem. II) Examination
March / April - 2016
Programming Language : C - II

Time : Hours]

[Total Marks : 50

Instruction :

नीचे दशांशक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B. Sc. (Computer Science) (Sem. II)

Name of the Subject :
Programming Language : C - II

Subject Code No. : 2 9 6 7 Section No. (1, 2,.....): NIL

Seat No. :
[] [] [] [] [] []

Student's Signature

1 Answer the following questions. 14

- (1) What do you mean by structure? How it differ from a simple variable?
- (2) What is typedef?
- (3) What is insertion sort?
- (4) List file random access functions.
- (5) What do you mean by sequential search?
- (6) Define: # and ## preprocessor in C.
- (7) Describe file pointer.

2 (a) Define union and discuss how we can access the elements of union and compare it with structure. 6

(b) Write a note on binary search. 6

OR

2 (a) What is pointer? Explain the use of pointer in accessing array elements. 6

(b) Write a note on selection sort. 6

- 3** (a) Write a code which use array of pointers use to display array elements. **6**
- (b) Explain fopen() with various file modes in detail. **6**
- OR**
- 3** (a) What are the macro preprocessors in C? Explain them with example. **6**
- (b) Write a C program that take input from the user and write it in a file. **6**
- 4** Write notes on. (Any Two) **12**
- (1) Explain random access a file in C with example.
- (2) Bubble sort.
- (3) Passing structure to a function.
-