

Roll No. ....

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**626**

Annual Examination, 2016

**B. Sc. I**

COMPUTER SCIENCE

**Paper II**

[ Computer Software ]

TIME —3 Hours )

( M. M. — 50

*NOTE : All questions are compulsory.*

**Section 'A'** (5 × 2 = 10)

*NOTE : Very short answer type questions i.e., one/two line answer.*

1. What is Fox Pro ?
2. What is the shortcut key to open a new file in MS-Word ?
3. Distinguish Identifier and Keywords.
4. What is the special about void pointer ?
5. Write the syntax for file handling in 'C'.

P. T. O.

(2)

Section 'B'

(5 × 3 = 15)

**NOTE :** Short answer type questions with the word limit 75-100.

Unit-I

1. Write down the various features and versions of UNIX operating system.

Or

What is High Level language software ? Explain in brief with example.

Unit-II

2. Illustrate the graphs and charts available in MS-Excel with suitable example.

Or

What is the use of Electronic-mail ?

Unit-III

3. What is the idea of operator precedence and associativity ?

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Or

Determine which of the following values valid integer are or float constant ?

(i) 10.3e11,

(ii) 0187,

(iii) 89769L.

Unit-IV

4. Distinguish between the following declarations :

(i) `const int * pi;`

(ii) `int * const pi;`

Or

Define string and array of string.

Unit-V

5. Differentiate Union and Structure.

Or

Write about self-referential structure with suitable example.

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Section 'C'

(5 × 5 = 25)

**NOTE:** Long answer type questions with the word limit 150-200.

Unit—I

1. Draw the flow chart for area of rectangle with algorithm.

Or

Explain logical expression and operator with suitable example.

Unit—II

2. Write down the steps for making presentation in MS-Power point.

Or

Define Internet Search engine. Which search engine is commonly used and why?

Unit—III

3. Write a 'C' program to print Fibonacci series.

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Or

Differentiate between User defined functions and Library Functions.

Unit—IV

4. What do you mean by "call by value" and "call by reference"? Explain with suitable example.

Or

Write a program for addition of two matrix in 'C'.

Unit—V

5. Write a simple program to process student record by using structure.

Or

Explain the difference between malloc ( ), calloc ( ) and realloc ( ) in terms of functions they perform.

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