

Roll No. ....

97665

BCA 2nd Semester  
Examination – May, 2019

C PROGRAMMING

Paper : BCA-100

Time : Three hours ] [ Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt five questions in all, selecting one question from each Unit. Question No. 1 is compulsory. All questions carry equal marks.

1. Write short note on the following : 4 × 4 = 16
- (i) Elements of C
  - (ii) Switch statement
  - (iii) Input functions
  - (iv) Pointers

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P. T. O.

UNIT – I

2. Define 'C' Language. Explain its importance and elements. Also explain about data types. 16
3. Explain the following : 16
- (i) Operator Hierarchy & Associativity
  - (ii) Type casting and conversion

UNIT – II

4. Describe the following : 16
- (i) ELSE-IF ladder
  - (ii) Nested IF statement
5. Explain the following : 16
- (i) Jumps in Loops
  - (ii) Nested Loops

UNIT – III

6. Explain in detail about user defined functions. 16
7. Describe the following : 16
- (i) Unformatted & Formatted I/O
  - (ii) Input functions

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**UNIT – IV**

**8. Explain the following :** 16

- (i) Declaration and Initialization of strings
- (ii) Pointers

**9. Describe the following :** 16

- (i) Storage classes in C
- (ii) Flow charting

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