

Roll No.

97665

**BCA 2nd Semester
Examination – May, 2019**

C PROGRAMMING

Paper : BCA- 106

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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