

Roll No. ....

**97665**

**BCA 2nd Semester  
Examination – July, 2021**

**C PROGRAMMING**

**Paper : BCA-106**

*Time : Three Hours ]*

*[ Maximum Marks : 80*

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*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.*

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

1. Write short on the following : 16

- (a) C character set
- (b) Goto statement
- (c) Output functions
- (d) Pointers

**UNIT - I**

2. Describe the structure of 'C' program. Also explain elements of 'C' language. 16
3. Explain in detail about operators & expressions. 16

**UNIT - II**

4. Explain the following : 16
  - (i) Decision making with IF statement
  - (ii) Switch statement
5. Describe the following : 16
  - (i) do-while loop
  - (ii) Continue statement

**UNIT - III**

6. Define functions and explain the following : 16
  - (i) getch ( )
  - (ii) gets ( )
  - (iii) string manipulation functions
7. Explain the following : 16
  - (i) Recursion
  - (ii) Proto type

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**UNIT - IV**

8. Explain the following : 16
  - (i) Array of strings
  - (ii) Input/Output of string data
9. Explain in detail about storage classes in 'C' language. 16

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