



## AF-3105

BCA (Part - I)  
Term End Examination, 2017-18

Paper - V

PC Software Packages and  
Programming in C

*Time : Three Hours] [Maximum Marks : 100*  
*[Minimum Pass Marks : 33*

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**Note** : Answer **all** questions. The figures in the right-hand margin indicate marks.

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Question No.1 is Compulsory :

1. Choose the correct answer of the following questions :  $3 \times 10$ 
  - (a) Which shortcut key is used to spell check in MS Word ?
    - (i) F1
    - (ii) F2
    - (iii) F7
    - (iv) F9

**( 2 )**

(b) What is the shortcut key to add/insert new slide in the PowerPoint presentation ?

(i) ALT + N  
(ii) CTRL + N  
(iii) CTRL + SHIFT + N  
(iv) None of the above

(c) Formula in Excel starts with :

(i) % (ii) =  
(iii) + (iv) -

(d) What is the file extension of the MS Excel file ?

(i) .xls  
(ii) .xlsx  
(iii) Both (i) and (ii)  
(iv) None of the above

(e) Who is the Father of C Language ?

(i) Bjarne Stroustrup  
(ii) James A. Gosling  
(iii) Dennis Ritchie  
(iv) Dr. E. F. Codd

(f) What is the size of 'char' data type ?

(i) 1 Byte (ii) 5 Byte  
(iii) 3 Byte (iv) 7 Byte

(3)

(g) In function Parameter/Argument can be passed by :

- (i) Value
- (ii) Pointer
- (iii) Both (i) and (ii)
- (iv) None of the above

(h) Using the find command in word, we search :

- (i) Characters
- (ii) Formats
- (iii) Symbols
- (iv) None of the above

(i) The C language define ..... fundamental data types.

- (i) 3 (ii) 4
- (iii) 5 (iv) 6

(j) Identifier name can not be started by :

- (i) Underscore
- (ii) Digit
- (iii) Both (i) and (ii)
- (iv) None of the above

Answer any **two** parts from each question carries 14 marks.

2. (a) Explain the function of Tool bar in MS Word.

(4)

- (b) Explain the dial up connection and broadband connection.
- (c) Explain the process of creating new presentation in MS PowerPoint.

3. (a) Explain the applications of Spreadsheet in detail.

- (b) What is a Table in MS Access ? Write a process to Create a Table.
- (c) Explain the process of formatting and printing a worksheet.

4. (a) Explain the different types of Loops in C.

- (b) What are the different types of operators in C ?
- (c) Explain the Exit Control Loop with the help of example.

5. (a) Explain in brief Pointers and Functions.

- (b) Explain the process of initialisation and declaration of pointers.
- (c) What is Array ? Explain the use of Array in short.

6. (a) Write the process of opening a file in C.

- (b) Write a short note on Utility function.
- (c) Write a program to count the number of words in a given file.