



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

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

Question No.1 is Compulsory :

1. Choose the correct answer of the following questions : 3×10

(a) Which shortcut key is used to spell check in MS Word ?

(i) F1

(ii) F2

(iii) F7

(iv) F9

- (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.