Reg. No.

I Semester B.C.A.3 Degree Examination, Nov./Dec. 2018
C – PROGRAMMING (Repeater)

Time : 3 Hours   Max. Marks : 80

Instruction : All Sections are compulsory.

SECTION – A

1. Answer **any 10** of the following :   **(2×10=20)**

   a) Define computer.

   b) Expand DVD, CD-RW.

   c) List out two types of Keyboards.

   d) Define flow chart.

   e) Write an algorithm to compute area of circle.

   f) What are C tokens ?

   g) What is variable ?

   h) What is Unary Operator ? Give example.

   i) Write a syntax for Nested if statement.

   j) What is an array ?

   k) What is function ?

   l) What is string ? Give example.

SECTION – B

Answer **any four** of the following :   **(4×5=20)**

2. Explain the characteristics of computer.

3. Explain joystick, bar code reader with example.

4. Write the characteristics of algorithm.

5. Write the basic structure of C program.

6. Explain do-while statement with syntax.

7. Explain all the symbols used in flowchart.

P.T.O.

SECTION – C

Answer **any four** of the following :   **(4×10=40)**

8. Explain the basic structure of computer with neat diagram.

9. Explain with syntax switch case, while loop and nested for loop statements.

10. Explain the different string handling functions.

11. a) What are the rules for framing variable name ?

    b) Explain all the built in data types of C with example.   **(5+5=10)**

12. Explain **all** :

    a) Binary operator

    b) Relational operator

    c) Two Dimensional array

    d) Call-by-reference

    e) Go to statement.

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