Reg. No. | | | | | | | | |

I Semester B.C.A.2 Degree Examination, Nov./Dec. 2018
COMPUTER CONCEPTS AND C PROGRAMMING
(Repeater)

Time : 3 Hours   Max. Marks : 80

Instruction :   Answer the questions of all three Sections.

SECTION – A

I. Answer **any ten** questions.   **(10×2=20)**

1) What is computer ?

2) List out the different data types in C.

3) Expand RAM, ROM, EPROM and EEPROM.

4) List out the different Input Devices.

5) What is algorithm ?

6) Give the Syntax for Nested if statement.

7) What is an Array ? Give example.

8) List out different types of Printers.

9) What are the rules for framing variable ?

10) Explain getchar() and gefs().

11) Write the syntax for do-while and for loop.

12) What is pointer ?

SECTION – B

II. Answer **any six** questions.   **(6×5=30)**

13) Explain with neat diagram basic structure of a computer.

14) Differentiate between floppy disk and hard disk.

15) Explain with diagram various symbols used in flow chart.

16) Explain with example any one category of function.

17) Explain with syntax switch statement.

18) What is union ? Differentiate between structure and union.

19) Write a C-program to generate and print Fibonacci numbers.

20) What are the advantages and disadvantages of pointers ?

SECTION – C

III. Answer **any three** questions. (3×10=30)

21) Explain different types of generations of computer.

22) What is string ? Explain different string handling functions with example.

23) Write a C-program to read 2 matrices and compute addition of matrix.

24) Explain spacial operators of C with example.

   a) Comma operator

   b) Size of () operator

   c) Address operator

   d) Dot operator.

25) Explain all :

   1) Desktop computer

   2) CD-ROM

   3) Keyboard

   4) Touch screen

   5) Laser Printer.

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