



22131/A 310

Reg. No.

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I Semester B.C.A. 2. Examination, Oct./Nov. 2012
COMPUTER CONCEPTS AND C PROGRAMMING
Fresher

Time : 3 Hours

Max. Marks : 80

Instruction : Answer the questions of **all three** Sections.

SECTION – A

- I. Answer **any ten** questions. **Each** question carries **2** marks. **(10x2=20)**
- 1) Define the term compiler.
 - 2) What is volatile memory ?
 - 3) What is a keyword ? Give an example.
 - 4) Write the characteristics of an algorithm.
 - 5) Write the syntax of formatted input and output statement.
 - 6) What do you mean by backward jump ?
 - 7) What is an array ?
 - 8) Define the term union.
 - 9) What is UDF ?
 - 10) What is a pointer ?
 - 11) What are the functions of an operating system ?
 - 12) Write the features of C language.

SECTION – B

- II. Answer **any 6** questions. **Each** question carries **5** marks. **(6x5=30)**
- 1) Define computer. Explain the characteristics of a computer.
 - 2) Differentiate between primary and secondary memory.
 - 3) Write an algorithm and flowchart to find the average of three numbers.

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- 4) Explain the syntax of switch statement. Give suitable example.
- 5) Write a program to accept three numbers and print the smallest among them.
- 6) Explain one dimensional array with an example.
- 7) What is structure ? Write the syntax to define structure. Give an example.
- 8) Write a 'C' program to read an integer number and reverse it using function.

SECTION – C

III. Answer **any 3** questions. **Each** question carries **10** marks. **(3x10=30)**

- 1) Explain in detail different types of printers.
 - 2) How do you define constant and variable ? Explain in detail various types of constants in 'C'.
 - 3) Explain any five 'C' operators. Give suitable example for each.
 - 4) What is string ? Explain with syntax various string handling functions in 'C'.
 - 5) What is function ? Explain various categories of function.
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