



32124/A240

Reg. No.

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**I Semester B.C.A. 3 Degree Examination, November/December 2016
(Fresh and Repeater)
C-PROGRAMMING**

Time : 3 Hours

Max. Marks : 80

Instruction : All Sections are compulsory.

SECTION – A

1. Answer **any 10** of the following : **(10×2=20)**
- a) Specify the functions of CPU.
 - b) In a electronic circuit what is IC ?
 - c) Why scanner is used ?
 - d) Name any four input devices.
 - e) What do you mean by primary memory ?
 - f) Why computer needs operating system ?
 - g) Write the merits of high level programming languages.
 - h) Why and when we use compiler ?
 - i) Why documentation Section is used in a program ?
 - j) Write the different methods to decrement the value of a variable.
 - k) How do you initialize arrays ?
 - l) Write the syntax of function declaration.

SECTION – B

- Answer **any four** of the following : **(4×5=20)**
- 2. Explain organization of keys on a computer keyboard.
 - 3. Mention the drawbacks seen in first generation computers.

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4. What are impact printers ? Explain Dot Matrix Printer.
5. What do you mean by Secondary Storage ? Explain Hard Disk.
6. Differentiate between while and do.. While statements.
7. Write a program to find length of string without using string function.

SECTION – C

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

8. With a neat block diagram explain different functional units of a computer.
 9. Explain classification of following :
 - a) Computer software
 - b) Programming Languages. **(5+5)**
 10. How are operators classified ? Give examples.
 11. Explain various branching statements giving examples for each.
 12. a) Explain the concept of arrays.
 - b) Write a program to compute addition and subtraction of two matrices. **(5+5)**
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