



A-5752

D.C.A. (Part Time) (Sem. I) Examination
March / April - 2015
Paper - E103 : Computer Programming & Programming Methodology

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination : D.C.A. (Part Time) (Sem. I)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Subject : Paper : E103 - Computer Programming & Programming Methodology	<input type="text"/> Student's Signature
Subject Code No. : 5 7 5 2 Section No. (1, 2,.....) : NIL	

- 1 Attempt any 2 : 14
- (A) What is flowchart? Explain various symbols of flowchart with their usages.
- (B) Write a note on - basic data type in 'C'.
- (C) Explain printf() functions with its syntax and all conversion specifications.
- 2 Attempt any 2 : 14
- (A) Explain 'while' and 'do...while" loop in C with proper example.
- (B) Explain – how to declare and use one dimension array in 'C' ?
- (C) Write a C program to input two integer numbers and swap their values without using third number.
- 3 Attempt any 2 : 14
- (A) Define Storage Class. Discuss storage classes in C.
- (B) List in-built string functions in C. Explains any 3 giving proper example.
- (C) Explain call by value and call by reference.

- 4 Attempt any 2 : 14
- (A) Explain 'break' and 'continue' statement with appropriate example.
 - (B) Write a program to input one string and print the string in UPPERCASE. Also print the length of the string.
 - (C) Explain - how can you define and use structure in C?
- 5 Give answers in brief : (any 7) 14
- (A) How many bytes will be allocated for declaration of "float *f" ?
 - (B) Explain post-increment operator in C.
 - (C) How many bytes are allocated for "signed int" and "unsigned int" ?
 - (D) What is pointer variable ?
 - (E) Differentiate getch() and getche() functions.
 - (F) What is the requirement of #include?
 - (G) How to comment a statement in C ?
 - (H) How constant can be defined in C ?
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