B.Sc. (Part-I) First Semester (CBCS) Summer 2025

Computer Science / Computer Application / Information Technology - 1CS1
Fundamentals of Computers & C Programming

P. Pages : 3

Time : Three Hours

AH - 5324

Max. Marks : 80

Notes : 1. All questions are compulsory.
2. Question No. 1 carries 20 marks and all other questions carry 10 marks each
3. Assume suitable data wherever necessary

1. A) Fill in the Blanks: 5

i) The ---------- statement skips the current iteration of the loop and continues with the next iteration.
ii) ROM stands for ---------
iii) SSD stands for ----------
iv) Every C program start executing from --------- function.
v) Arguments declared during the function definition are called as ---------- arguments.

B) Choose the correct alternative. 10

i) In which type of operating system does the CPU switch rapidly between different processes, giving each one a fraction of time?
a) Real-time system b) Multiprogramming system
c) Batch system d) Time-sharing system

ii) In the boot process, which part of the system is responsible for loading the operating system kernel into memory?
a) BIOS b) Bootloader
c) RAM d) CMOS

iii) Which of the following is not a stage in program design?
a) Problem analysis b) Algorithm development
c) Printing output d) Selection of control structure

iv) Identifiers in C are used to name ----------
a) Variables b) Functions
c) Arrays d) All of these

v) Which of the following correctly declares a pointer in C?
a) ptr int; b) int ptr;
c) int *ptr; d) int &ptr;

vi) Which of the following is not a basic data type in C?
a) float b) int
c) double d) string

vii) Which of the following functions is used to compare two strings in C?
a) strcpy( ) b) strcat( )
c) strcmp( ) d) strlen( )

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