AG-1135

B.Sc. (Part - I)
Term End Examination, 2018-19

COMPUTER SCIENCE

Paper - II

Time : Three Hours]   [*Maximum Marks* : 50

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. (a) What is package software ? Explain any two package softwares in detail.

   (b) Differentiate between the following :

      (i) Windows OS and Unix OS

      (ii) Note pad and Word pad

   OR

   (a) What is Operating System ? Explain the various services of operating system.

   (b) Define the following terms :

      (i) Problem analysis and solving scheme

      (ii) Object linking and embedding

Unit-II

2. (a) What do you mean by worksheet ? Explain the absolute and relative addressing in a worksheet.

   (b) What is Internet ? Discuss the various applications of Internet.

   OR

   (a) What is mail-merge in MS Word ? Write the step by step process of it in MS Word.

   (b) Explain the following terms :

      (i) Animation and linking in MS PowerPoint

      (ii) Graphs and charts in MS Excel

Unit-III

3. (a) What do you mean by operators in C language ? Write the operator procedure and associativity.

   (b) Write a C program to print all prime numbers from 1 to 50.

   OR

(a) Explain all types of conditional statements with their syntax.

(b) What is Recursion? Write a C program to print Factorial No. with the help of recursive function.

Unit-IV

4. (a) Write the various ways to define and assign values in single dimensional array.

(b) Define pointer variable. Explain the use of pointer in C language.

OR

(a) Write a C program to demonstrate the use of pointer.

(b) Write short notes on the following :

(i) Array of strings

(ii) Passing array to function

Unit-V

5. (a) Define Structure. How is it different from union ? https://www.abvvonline.com

(b) What do you mean by Dynamic Memory Allocation? Explain any two Library functions used for Dynamic Memory Allocation.

OR

(a) Write a C program for 'EMPLOYEE' that having empno, empname, sal. A user can input all the details in well mannered form.

(b) Write short notes on the following :

(i) Pointer to Structure

(ii) Array within Structure

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