S-685

Total Pages : 3   Roll No. ....

ESC-506

Computer Programming-II

M.Sc. Environmental Science (MSCES)

2nd Semester Examination, 2022 (Dec.)

Time : 2 Hours]   **[Max. Marks : 35**

Note : This paper is of Thirty Five (35) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A
(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.
(2×9½=19)

1. Differentiate between procedural and non-procedural programming techniques.

2. Discuss an array of structure with an example.

3. What do you mean by structure? Explain nested structure through suitable example.

4. What do you mean by function overloading? Explain it through suitable example.

5. Discuss that how IT can be used to improve the environmental health?

SECTION–B
(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only.   (4×4=16)

1. What do you mean by the preprocessing of a 'C' program? Explain the working of preprocessor symbol of 'C' language using an example.

2. Explain the malloc() and callec() function through example.

3. Explain the different types of inheritance with example.

4. Illustrate the explicit and implicit type conversion.

5. Explain the different data types available in C++.

6. Discuss inline function with suitable example.

7. Explain the concept of polymorphism and its types.

8. Illustrate the different looping statements of C++.

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