

S.D.E.

M.B.A. (I.T.) SEM-III (2013 COURSE) : SUMMER - 2018

SUBJECT: PROGRAMMING WITH C++

Day: Saturday
Date: 02/06/2018

S-2018-4524

Time: 10.00 A.M. TO 1.00 P.M.
Max. Marks: 70

N.B:

- 1) Attempt **ANY FOUR** questions from Section-I and **ANY TWO** questions from Section-II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the sections should be written in the **SEPARATE** answer book.

SECTION-I

- Q.1 What is Object Oriented Programming? Explain characteristics of Object Oriented approach. (10)
- Q.2 Define functions. Explain different ways of passing the arguments to functions. (10)
- Q.3 Differentiate between the following: (10)
- a) C Vs C++
 - b) Base Class Vs Derived Class
- Q.4 What is inheritance? Explain different types of inheritance with appropriate example. (10)
- Q.5 Write short notes on **ANY TWO** of the following: (10)
- a) Inline Functions
 - b) Pointers
 - c) Templates

SECTION-II

- Q.6 What is operator overloading? Write a program to explain the concept of operator overloading. (15)
- Q.7 Write a C++ program to count the number of words in a given file. (15)
Note: The words could be separated by single or multiple white spaces (white space is a blank space or a tab or a new line).
- Q.8 Write a program to demonstrate how exception handling is done in C++. (15)

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