

Subject : I. T. - Elective-II a) Programming with STL

Day : Wednesday
Date : 14/12/2016



Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 80 Total Pages : 1

N.B.:

- 1) Answer any **FOUR** questions from Section-I and any **TWO** questions from Section-II.
- 2) Both the sections should be written in the **SAME** answer book.
- 3) Figures to the **RIGHT** indicate full marks.

SECTION-I

- Q.1** How to create mixed locale? Discuss in detail. (12)
- Q.2** Explain runtime type information (RTTI) in detail. (12)
- Q.3** What is namespace? Explain unnamed namespaces and nested namespaces. (12)
- Q.4** What is generic algorithm? Explain sorting algorithm. (12)
- Q.5** Explain in detail Multimap and Bitset class template. (12)
- Q.6** Write short notes on Any **TWO**: (12)
- a) `std::stack`
 - b) Iterator adaptor
 - c) Vector.

SECTION-II

- Q.7** Write a C++ program to handle arithmetic and array index out of bound exception. (16)
- Q.8** Write a program to create list of integers and to find largest and smallest number from the list. (16)
- Q.9** Write a STL program to maintain employee database. Sort the entire data according to employee number. (16)

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