

S.D.E.
M.C.A. Sem - IV : WINTER - 2018
SUBJECT: PROGRAMMING WITH STL

Day: Friday
Date: 07/12/2018

W-2018-4811

Time: 02.00 PM TO 05.00 PM
Max. Marks: 80

N.B.:

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

- Q.1** What is generic algorithm? Explain non_modify sequence algorithm. (12)
- Q.2** What is iterator? Explain the role of iterators in STL. (12)
- Q.3** Explain the elements of Internationalization. (12)
- Q.4** Explain queue adaptor with example. (12)
- Q.5** Explain the role of namespaces in modularization. (12)
- Q.6** Write short notes on Any **TWO**: (12)
- a) RTTI
 - b) Nested Namespace
 - c) Multiset

SECTION-II

- Q.7** Write a STL Program to maintain employee data and find average salary of the employee. (16)
- Q.8** Explain the terms try, catch and throw with example. (16)
- Q.9** Write a program to create list of integers and to find prime numbers from the list. (16)

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