

S.D.E.
M.C.A. SEM - IV : SUMMER - 2018
SUBJECT : ELECTIVE – II: PROGRAMMING WITH STL

Day : **Tuesday**
Date : **05/06/2018**

S-2018-4623

Time : **02.00 P.M. TO 05.00 P.M.**
Max. Marks : 80

N.B.:

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

SECTION – I

- Q.1** Illustrate exception handling in C++ with example. [10]
- Q.2** What is adapter? Explain it with suitable example. [10]
- Q.3** What do you know about function object? Also explain how it is different from function pointer. [10]
- Q.4** List the sequence containers in STL and explain any one of them. [10]
- Q.5** Explain how function templates are better over regular function. [10]
- Q.6** List types of iterators and explain any one with example. [10]
- Q.7** Write short notes on **ANY TWO** of the following: [10]
- a) Namespaces
 - b) find_if and find algorithm
 - c) Locale

SECTION – II

- Q.8** Write a program to maintain data of students and sort this data using their names. [15]
- Q.9** What is multiset? Write a program to demonstrate the use of multiset. [15]
- Q.10** What do you know about non-mutating sequence algorithm? Explain your answer with example. [15]

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