

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

Day: Saturday
Date: 01/12/2018

Time: 10.00 AM TO 1.00 PM
Max Marks: 80

W-2018-4822

N.B:

- 1) Solve any **FIVE** questions from Section- I and any **TWO** from Section-II.
 - 2) Answers 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** List the major MFC classes and describe them using MFC class hierarchy. (10)
- Q.2** What is multithreading? Explain how to achieve it using MFC. (10)
- Q.3** Illustrate windows programming model in detail. (10)
- Q.4** Explain Document/View Architecture? (10)
- Q.5** List and describe various messages need to be handled for message handling. (10)
- Q.6** Explain exception handling concept with examples. (10)
- Q.7** Write short notes on **ANY TWO** the followings. (10)
- a) COM
 - b) CDialog
 - c) CWinApp

SECTION-II

- Q.8** Explain Document Serialization concept with examples. (15)
- Q.9** Which classes are used to design modal and modeless dialog boxes? Demonstrate it with examples. (15)
- Q.10** Explain the usage of following MFC classes with examples: (15)
- a) CButton
 - b) CArray
 - c) CList

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