

S.D.E.
M.C.A. Sem - V : SUMMER - 2019
SUBJECT : I. T. ELECTIVE – IV : a) PROGRAMMING WITH MFC

Day : Thursday
Date : 09/05/2019

S-2019-5281

Time: 10.00 AM TO 1.00 PM
Max. Marks: 80

N. B.

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

SECTION – I

- Q. 1** Define class template. How class template member functions are implemented? **(10)**
- Q. 2** What is tool tip? How tool tips are activated in applications? **(10)**
- Q. 3** Define interface. Explain functionality of IClassFactory interface. **(10)**
- Q. 4** State and explain exception classes of MFC. **(10)**
- Q. 5** What is GDI? Explain in detail need of GDI in MFC. **(10)**
- Q. 6** Explain functionality of CSliderCtrl and CProgressCtrl. **(10)**
- Q. 7** Write short note on **ANY TWO** of the following: **(10)**
- a) Dynaset
 - b) CSemaphore
 - c) CListBox

SECTION - II

- Q. 8** Describe process of creating and destroying modeless controls. **(15)**
- Q. 9** What do you mean by ActiveX controls? Explain mapping of ActiveX controls. **(15)**
- Q.10** What is the role of CMenu class? Explain implementation of members and operations of CMenu class. **(15)**

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