

S.D.E.

M.C.A. SEM - V : SUMMER - 2018

SUBJECT: ELECTIVE-IV: PROGRAMMING WITH MFC

Day: Monday

Time: 10.00 A.M. TO 1.00 P.M.

Date: 04/06/2018

S-2018-4634

Max Marks: 80

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** Explain Exception handling concept with examples. (10)
- Q.2** How mouse input is handled in MFC application. Explain it with example. (10)
- Q.3** Illustrate the Windows programming model in detail. (10)
- Q.4** What is COM? Illustrate why it is essential. (10)
- Q.5** Explain multi-threading concept with different synchronization objects available in MFC. (10)
- Q.6** Explain DLL(Dynamic Link Library) concept in windows operating system with examples. (10)
- Q.7** Write short notes on **ANY TWO** the followings: (10)
- a) WM_CREATE
 - b) CButton
 - c) WM_DESTROY

SECTION-II

- Q.8** What is modal dialog box? Illustrate how to use it in application using MFC. (15)
- Q.9** Explain Document/View architecture. Also explain onOpenDocument() and onSaveDocument() functions with example. (15)
- Q.10** Explain windows message handling in MFC. Also give suitable examples. (15)

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