

S.D.E.

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

SUBJECT : ELECTIVE – IV : .NET TECHNOLOGY

Day : **Monday**
Date : **04/06/2018**

S-2018-4635

Time : **10.00 A.M. TO 1.00 P.M.**
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 **SEPARATE** answer book.

SECTION – I

- Q.1** What is Dot Net Framework? Explain its architecture. **(10)**
- Q.2** “Error handling is the best feature provided by Dot Net”. Justify with example. **(10)**
- Q.3** Define state management. Explain client side and server side state management in detail. **(10)**
- Q.4** Explain in detail classes used in the ADO.NET. **(10)**
- Q.5** Explain page life cycle in ASP.NET. **(10)**
- Q.6** Explain in detail delegates and its types with examples. **(10)**
- Q.7** Write short notes on any **TWO** : **(10)**
- a) Event
 - b) Properties
 - c) Attributes
 - d) Constructors

SECTION - II

- Q.8** Write a menu driven program to perform arithmetic operation on two 3 x 3 matrices. **(15)**
- Q.9** Write a program to find a sub-string within a string. **(15)**
- Q.10** Write a windows application which reads a file and copies alternative words in another file. **(15)**

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