

**S.D.E.**  
**M.C.A. Sem - V : SUMMER - 2019**  
**SUBJECT: I.T. ELECTIVE-IV b) NET TECHNOLOGY**

**Day:** Thursday  
**Date:** 09/05/2019

**S-2019-5282**

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

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**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 *SAME* answer book.
  - 3) Figures to the right indicate **FULL** marks.
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**SECTION-I**

- Q.1** What is class? Describe important features of object-oriented programming. **(10)**
- Q.2** What is metadata? Why do we need to have metadata? **(10)**
- Q.3** Describe page life cycle of ASP.Net web page. **(10)**
- Q.4** What is dot net framework? Explain its architecture. **(10)**
- Q.5** What is user control? How to work with user controls in ASP.Net? **(10)**
- Q.6** Describe functionality of LinkButton control and HyperLink control of ASP.Net. **(10)**
- Q.7** Write short notes on **ANY TWO** of the following: **(10)**
- a) View state
  - b) Abstract class
  - c) Static members

**SECTION-II**

- Q.8** State and explain different types of access modifiers used in VB.Net with example. **(15)**
- Q.9** What is exception? Explain role of try, catch, and finally blocks in exception handling of VB.Net with example. **(15)**
- Q.10** Describe all validation controls of ASP.Net with its important properties. **(15)**

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