

Subject : I.T. Elective-IV b) NET Technology

Day : Wednesday
Date : 08/06/2016



Time : 10.00 A.M. TO 1.00 P.M.
Max Marks : 80 Total Pages : 1

N. B. :

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

- Q. 1** What is Dot Net Framework? Explain its architecture. **(10)**
- Q. 2** Write examples of method overloading and method overriding. **(10)**
- Q. 3** Explain interfaces with example. Illustrate how multiple inheritance is achieved with the help of interface? **(10)**
- Q. 4** Differentiate between Application state and session state in web application. **(10)**
- Q. 5** Explain all validation controls used in web forms. **(10)**
- Q. 6** Explain page life cycle in asp.net. **(10)**
- Q. 7** Write short notes on **(ANY TWO)**: **(10)**
- a) Namespaces
 - b) CLR
 - c) Delegates

SECTION - II

- Q. 8** Write a windows application for examination system which will perform the operation like examination information, student enrollment, marks entry. **(15)**
- Q. 9** Write a console application employee management which allows HR staff members to register newly joined employee with Empno, Emp name, Salary and store this information into existing database table EMP? **(15)**
- Q.10** Create following types of array **(15)**
- i) int
 - ii) string
- Using system array class to perform following operations:
Copy, Sort, Clear, Reverse.
Accept input from user through console.

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