

BCA Fifth Semester (Main/ Back) Examination, Dec. – 2023**SECOND PAPER****Dot Net Technology****Paper Code:- 42502****Time Allowed: Three Hours****Maximum Marks.70**

(1) No supplementary answer book will be given to any candidate. Hence the candidates should write the answers precisely in the main answer book only.

(2) All the parts of one question should be answered at one place in the answer book.

(Attempt all six questions.)

Part I (Question No. 1 & 2) is compulsory & Part II (Question No. 3, 4, 5 & 6) has internal choice.

Part-I

1. Answer any 10 questions. Each question carries 1 mark.

10x1= 10

(Words limit up to 20 words each)

- a) Differentiate between Value types and Reference types.
- b) Define Interoperability in ASP.net.
- c) Differentiate between managed and unmanaged code.
- d) What is ASP.net?
- e) Define the use of MVC.
- f) Differentiate between ASP & ASP.net.
- g) Differentiate between Rich Web controls and Custom Web Controls.
- h) Define SQL.
- i) Differentiate between ADO and ADO.net.
- j) Explain the term 'Dataset'

2. Answer all the questions. Each question carries 5 marks.

4x5 = 20

(Words limit up to 50 words each)

- a) Explain Microsoft Intermediate Language.
- b) Explain the features of C# Language.
- c) What is the use of multi view control in ASP.net?
- d) Define SQL Managed Providers.

Part-II**Unit-I**

3. Explain the features and advantages of ASP.net frame work.

10**P.T.O.**

OR

Write the short note on the following with respect of Dot Net.

- | | |
|-------------------------|----------|
| (a) Common Type System. | 5 |
| (b) .Net Name Spaces | 3 |
| (c) Meta Data | 2 |

Unit-II

- | | |
|--|-----------|
| 4. Explain Event Handling with a various events in C# | 10 |
|--|-----------|

OR

| | |
|---|-----------|
| Explain different data types available in C#. | 10 |
|---|-----------|

Unit-III

- | | |
|---|-----------|
| 5. Explain with example how custom controls can be created in ASP.net. | 10 |
|---|-----------|

OR

| | |
|---|-----------|
| Explain step by step process of deploying a project in ASP.net. | 10 |
|---|-----------|

Unit-IV

- | | |
|--|-----------|
| 6. Describe the ADO.net architecture with neat & clean diagram. | 10 |
|--|-----------|

OR

| | |
|-----------------------------|------------|
| Explain the following term: | 5+5 |
|-----------------------------|------------|

- (a) ADO objects
- (b) Data Adapter
- (c) OLEDB
