

**BCA Fifth Semester Examination, Feb. – 2022****SECOND PAPER****Dot Net Technology**

Paper Code:- 42502

**Time Allowed: 1½ Hours****Maximum Marks : 70**

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

**PART- I**

- 1. Attempt any 5 questions out of the following. Each question carries 2 marks.**  
**(Words limit up to 20 words each)**

**5x2=10**

- a) Define Dot Net Framework.
- b) Write the full form of BCL.
- c) What is the use of Class Library?
- d) List some applications that can be developed with C#.
- e) Define IIS.
- f) Explain the use of Link Button in C#.
- g) Write any two events related with Textbox in C#.
- h) Define Meta Data.
- i) Define Session State.
- j) Define Local Host.
- k) What is Data Adapter?
- l) Define SQL.

- 2. Attempt any 2 questions out of the following. Each question carries 10 marks.**

**2x10=20****(Words limit up to 50 words each)**

- a) Explain the use of namespace in ASP.net.
- b) Explain Check Box Control in ASP.net with example.
- c) Explain the role of publishing of a project under deploying process in C#.
- d) Write a program in C# to check that a given number is even or odd.

**Part-II****Attempt any 2 questions in all .****2X20=40**

- 3. Write the note on the following with respect of .Net.**

**10+10**

- (a) Common Type System                      (b) Microsoft Intermediate Language

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| 4. Explain why .Net applications are secured and portable.   | 20    |
| 5. (a) Explain data types available in C#.   | 10    |
| (b) Write a program in c# to check that a given year is leap or not.                                     | 10    |
| 6. (a) Explain properties and events of Calendar Control.  | 10    |
| (b) Differentiate between Server Controls and HTML Controls. Also explain the function of Submit Button. | 10    |
| 7. Explain step by step process to create custom controls in ASP.Net.                                    | 20    |
| 8. Explain following Controls:   | 10+10 |
| (a) File Upload Control  |       |
| (b) Regular Expression Validator   |       |
| 9. Explain ADO.net architecture in detail with labelled diagram.   | 20    |
| 10. Explain step by step process of OLEDB connection using C# with example.                              | 20    |

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