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SHIVAJI UNIVERSITY, KOLHAPUR

DATTAJIRAO KADAM ARTS, SCIENCE AND COMMERCE COLLEGE, ICHALKARANJI

B.C.A. Part-II Semester-III (CBCS) Examination, March-2024

Dot Net Technology

Sub. Code: 83383

Day and Date: Thursday, 18-04-2024

Total Marks: 70

Time: 10:30 a.m. to 01:30 p.m.

Instructions: 1) Q. 1 and Q. 6 are compulsory

2) Attempt any three from Q. 2 to Q. 5

Q. 1. A) Select the correct alternative

[10]

i. What is a server control in ASP.NET?

- a) A control that runs on the client machine.
- b) A control that runs on the server.
- c) A control that can run on both the client and server.
- d) A control that is not used in ASP.NET.

ii. The .NET Framework Class Library (FCL) is also known as _____.

- a) Base Class Library (BCL)
- b) Common Class Library (CCL)
- c) Global Class Library (GCL)
- d) Public Class Library (PCL)

iii. Which of the following is not type of JIT compiler?

- a) Normal
- b) Pre
- c) Econo
- d) Abnormal

iv. By using which of the following attribute, HTML elements are transformed to HTML server control?

- a) runat="browser"
- b) runat="server"
- c) runat="client"
- d) runat="host"

v. In C#, 'using' is a _____.

- a) class
- b) directive
- c) function
- d) keyword

vi. Which of the following is not a valid state management tool?

- a) Query State
- b) Application State
- c) Hidden Field State
- d) Cookies

vii. In a connection string _____ represents name of the database.

- a) Data Source
- b) Initial Catalog
- c) Catalog Initial
- d) Database

viii. CLR stands for _____.

- a) Common Language Runtime
- b) Common Language Range
- c) Common Load Runtime
- d) Common Language Run

ix. What is the extension of an ASP.NET page?

- a) .asp
- b) .aspx
- c) .aspnet
- d) .net

x. Which of the following is NOT a valid event in an ASP.NET web page lifecycle?

- a) Init
- b) PreInit
- c) PostInit
- d) End

Q.1. B) Write a short answer of the following (Any 2) [10]

- a) Write any five features of .NET Framework.
- b) Define JIT compile. Explain its types.
- c) Explain the role of CLR.

Q.2. Draw neat diagram and describe the components of IDE. [10]

Q.3. define validation? List out different validation web controls used in ASP.NET. [10]

Q.4. Define type casting. Explain its types with example. [10]

Q.5. Explain connected architecture of ADO.NET. [10]

Q.6. Write a short note on (Any FOUR) [20]

- a) MSIL
- b) CLS
- c) DataReader
- d) Managed and Unmanaged code
- e) Difference between .EXE and .DLL
- f) Data types in C#.NET