



MAJ-003-0003508-N

Seat No. _____

B. C. A. (Sem. V) Examination

December - 2020

Programming with ASP.NET : CS - 26

Faculty Code : 003

Subject Code : 0003508-N

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

Instruction : Write any five questions from the following ten questions.

- 1 (A) Objective type questions: 4
 - (1) Full form of IIS
 - (2) CLR stands for _____.
 - (3) What is FCL _____.
 - (4) Which validation is used to check input expression?
- (B) Answer any one in brief : 2
 - (1) Difference between client side validation and server side validation.
 - (2) Explain File Upload Control.
- (C) Answer any one in detail. 3
 - (1) Explain Range Validator control.
 - (2) Explain AdRotator Control.
- (D) Write a note on any one : 5
 - (1) List and explain features of ASP.net
 - (2) Explain ASP.Net Framework
- 2 (A) Objective type questions: 4
 - (1) Full form of ASP
 - (2) _____ is the extension of asp.net web page
 - (3) _____ property of image control is used to set path of image to be displayed by the control.
 - (4) Which validation control verifies that input value falls within predetermined Range ?

- (B) Answer any one in brief : 2
- (1) List out different validation control available in ASP.Net
 - (2) What is the role of CLR in .Net framework?
- (C) Answer any one in detail : 3
- (1) Explain custom validator control.
 - (2) Explain listbox control with its properties and methods.
- (D) Write a note on any one : 5
- (1) Discuss different types of files in ASP.net
 - (2) Explain ASP.Net page life cycle.
- 3 (A) Objective type questions: 4
- (1) _____ is a text file stored on client's machine.
 - (2) _____ is a stateless protocol.
 - (3) _____ is used to send information from one webpage to another through URL.
 - (4) Which page property is used to disable view state ?
- (B) Answer any one in brief : 2
- (1) What is state management?
 - (2) What is cookies?
- (C) Answer any one in detail : 3
- (1) Explain Query String
 - (2) Explain view State
- (D) Write a note on any one : 5
- (1) Explain Global.asax file in detail.
 - (2) Explain session state with its properties and methods.

4 (A) Objective type questions:

4

- (1) _____ is used to store user's information and/or uniquely identify a user.
- (2) View state is client side state management. (True/false)
- (3) The data stored in _____ state is common for all users of that particular asp.net application and accessed anywhere in the application.
- (4) The _____ event is raised when first request is raised to an application.

(B) Answer any one in brief :

2

- (1) What is client side state management.
- (2) Explain Types of cookies.

(C) Answer any one in detail :

3

- (1) Explain Hidden Field.
- (2) Differentiate session.clear() and session.Abandon()

(D) Write a note on any one :

5

- (1) Explain Application state.
- (2) Explain advantages and disadvantages of view state.

5 (A) Objective type questions :

4

- (1) ADO stands for _____.
- (2) Which control displays data in tabular format?
- (3) _____ is used to read data from data source.
- (4) _____ class is used to execute database queries.

(B) Answer any one in brief :

2

- (1) Explain DataReader Class
- (2) Explain SqlConnection class

- (C) Answer any one in detail : 3
- (1) Explain DataAdapter
 - (2) Differentiate Connected Architecture v/s Disconnected Architecture
- (D) Write a note on any one : 5
- (1) Explain GridView control with example
 - (2) Explain ADO.Net architecture.
- 6 (A) Objective type questions: 4
- (1) _____ is a group of tables.
 - (2) _____ namespace contains classes that are used to connect to Microsoft SQL server database.
 - (3) _____ method is used for performing data manipulation on database.
 - (4) _____ method populates dataset or data table object with data from the Database.
- (B) Answer any one in brief : 2
- (1) What is ADO.Net?
 - (2) Explain sqlCommand object.
- (C) Answer any one in detail : 3
- (1) What is ExecuteScalar method?
 - (2) Differentiate DataReader and DataSet
- (D) Write a note on any one : 5
- (1) Explain Repeater Control in detail.
 - (2) Explain DataTable in detail.

7 (A) Objective type questions :

4

- (1) _____ is a extension of skin file.
- (2) _____ is a extension of Master Page.
- (3) Caching that stores the copy of finally rendered HTML, page is called _____.
- (4) By default page theme is created in _____ folder.

(B) Answer any one in brief :

2

- (1) Difference between Theme and CSS
- (2) Explain Absolute Cache Expiration.

(C) Answer any one in detail :

3

- (1) Explain Data Caching
- (2) Explain Master Page

(D) Write a note on any one :

5

- (1) Explain Elements and types of Themes.
- (2) What is caching? Explain Page output caching.

8 (A) Objective type questions :

4

- (1) You can add more than one master page in a website (True/False).
- (2) There can be only one contentplaceHolders on MasterPage. (True/False)
- (3) _____ caching means caching data from data source.
- (4) _____ technique is used to improve the application's performance for minimizing the consumption of resource in your system.

(B) Answer any one in brief :

2

- (1) What is caching?
- (2) What is theme in Asp.Net.

- (C) Answer any one in detail : 3
- (1) Explain sliding cache expiration
 - (2) What is contentPlaceHolders?
- (D) Write a note on any one : 5
- (1) Explain Partial Page Caching.
 - (2) Write a note on requirement of Master Page in Asp.Net application.
- 9 (A) Objective type questions : 4
- (1) XML stands for _____
 - (2) WSDL stands for _____
 - (3) Which namespace is imported to use classes of XML
 - (4) SOAP stands for _____
- (B) Write any one in brief : 2
- (1) what is XML?
 - (2) What is Web.config
- (C) Write any one in detail : 3
- (1) Explain Authentication.
 - (2) Explain page level and application level tracing
- (D) Write a note on any one : 5
- (1) Explain web services
 - (2) Explain Authorization in detail.
- 10 (A) Objective type questions : 4
- (1) UDDI stands for _____
 - (2) The _____ file contains default and machine specific value for all Supported settings.
 - (3) _____ is the process of ensuring user's identity.
 - (4) Extension of web service file is _____.

- (B) Write any one in brief : 2
- (1) What is Form Authentication?
 - (2) Explain machine.config file.
- (C) Write any one in detail : 3
- (1) Differentiate Authentication and Authorization.
 - (2) List out rules of XML files.
- (D) Write a note on any one : 5
- (1) Explain different protocols used in web services.
 - (2) Explain different levels of Error handling in Asp.Net
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