



DBJ-003-0004501

Seat No. _____

B. Sc. (Sem. V) (CBCS) (W.E.F. 2016) Examination

June - 2022

CS-25 : Information Technology

(Programming With ASP.NET (2016)) (Old Course)

Faculty Code: 003

Subject Code: 0004501

Time: **2.30** Hours]

[Total Marks: **70**

Instruction : Answer any five questions.

- 1** (a) Answer the following: **4**
- (1) JIT stands for _____.
 - (2) BCL stands for _____
 - (3) What is the use of PostBackUrl property?
 - (4) Which property of checkbox enables you to specify the tab order?
- (b) Answer in brief: **2**
Explain textbox control and list out its properties.
- (c) Answer in detail: **3**
Explain types of files in ASP.NET.
- (d) Answer the following: **5**
Explain .NET architecture in detail.
- 2** (a) Answer the following: **4**
- (1) CTS stand for _____
 - (2) Which control allows you to create hotspot on a single image?
 - (3) IIS stands for _____.
 - (4) What is assembly?
- (b) Answer in brief: **2**
What is Namespace?
- (c) Answer in detail: **3**
Explain radio button control with its properties.
- (d) Answer the following: **5**
Explain ASP.NET page life cycle.

- 3 (a) Answer the following: 4
- (1) _____ class is the inbuilt class that is used to create the cookie.
 - (2) Which method is used to store the information in browser or URL?
 - (3) _____ control compares a value in one control with a fixed value or a value in another control.
 - (4) How many techniques of state management in asp?
- (b) Answer in brief: 2
What is the difference between session and cookie?
- (c) Answer in detail: 3
Explain range validation control in detail.
- (d) Answer the following: 5
List out validation control of asp.net and explain any 2 in detail.
- 4 (a) Answer the following: 4
- (1) Session is _____ side state management technique.
 - (2) The validation control classes are inherited from the _____ class.
 - (3) _____ control verifies that the input value falls within a predetermined range.
 - (4) Cookie can store up to _____ bytes of information.
- (b) Answer in brief: 2
Explain compare validator control in brief.
- (c) Answer in detail: 3
Explain cookie with example.
- (d) Answer the following: 5
Write a note on client side state management.
- 5 (a) Answer the following: 4
- (1) Which method add or refreshes rows in the DataSet?
 - (2) Which ado.net class provide a disconnected environment?
 - (3) To check the status of the connection, _____ property is useful.
 - (4) _____ control is used to display the values of a data source in a table.
- (b) Answer in brief: 2
What is the use of ExecuteNonQuery ()?
- (c) Answer in detail: 3
Explain grid view control with its properties.
- (d) Answer the following: 5
Explain ADO.NET architecture.

- 6 (a) Answer the following: 4
- (1) ADO stands for _____.
 - (2) _____ is a class that represents a set of SQL commands and a database connection.
 - (3) Which namespace contains the classes that are used to connect to a Microsoft SQL Server database such as sqlcommand, sqlconnection, sqldataadapter?
 - (4) Data reader used in disconnected architecture while data set used in connected architecture. True or False?
- (b) Answer in brief: 2
What is data adapter?
- (c) Answer in detail: 3
Explain command class and connection class.
- (d) Answer the following: 5
Write a program to insert and display the record in grid view using disconnected architecture.
Table name: stud
Fields: roll_number, stud_name, course_name
- 7 (a) Answer the following: 4
- (1) XML stands for _____.
 - (2) _____ is an XML-based protocol for accessing web services over HTTP.
 - (3) Every XML document can have only one root element. True or False?
 - (4) To implement the Web Service you can derive the Web Service class from _____.
- (b) Answer in brief: 2
What is UDDI?
- (c) Answer in detail: 3
Write a note on SOAP.
- (d) Answer the following: 5
Explain web service in detail.
- 8 (a) Answer the following: 4
- (1) SOAP stands for _____.
 - (2) Which namespace must be imported to use XML related classes?
 - (3) WDSL stands for _____
 - (4) UDDI stands for _____

- (b) Answer in brief: 2
Write down any web service example.
- (c) Answer in detail: 3
Explain Remote Method Call using XML and SOAP.
- (d) Answer the following: 5
Write down steps for application deployment.
- 9** (a) Answer the following: 4
- (1) AJAX stands for _____.
 - (2) Which file is used to manage various settings that define a website?
 - (3) The Global.asax file, which is derived from the _____ class.
 - (4) _____ is the root element of web.config file.
- (b) Answer in brief: 2
Write down the difference between machine.config and web.config file.
- (c) Answer in detail: 3
Explain web.config file in detail.
- (d) Answer the following: 5
Explain authentication in detail.
- 10** (a) Answer the following: 4
- (1) _____ is an activity to follow execution path and display the diagnostic information related to a specific.
 - (2) Without the _____ file application cannot be executed.
 - (3) Which file automatically created when you create an ASP.Net web application project.
 - (4) _____ is the process to keep your data into cache memory.
- (b) Answer in brief: 2
What is machine.config file?
- (c) Answer in detail: 3
Write a short note on Error Handling.
- (d) Answer the following: 5
Explain tracing in detail.
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