



DBK-003-0003508

Seat No. _____

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

June - 2022

CS-26 : Programming With ASP.NET

Faculty Code : 003

Subject Code : 0003508

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

[Total Marks : 70

Instruction : Attempt any five questions.

- 1 (a) Fill in the blanks : 4
- (1) _____ file stores user-specific settings for the ASP.NET solution.
 - (2) _____ file uses this file to configure the web settings for a web project.
 - (3) IIS stands for _____.
 - (4) _____ file uses contains JavaScript code in ASP.NET.
- (b) Explain TextBox control in ASP.NET. 2
- (c) Explain RegularExpressionValidator control in ASP.NET. 3
- (d) Explain steps to install IIS. 5
- 2 (a) Fill in the blanks : 4
- (1) IDE stands for _____.
 - (2) MSIL stands for _____.
 - (3) CLR stands for _____.
 - (4) JIT stands for _____.
- (b) Explain Page Architecture in ASP.NET. 2
- (c) Explain CompareFieldValidator control in ASP.NET. 3
- (d) Explain types of files in ASP.NET. 5

- 3 (a) Fill in the blanks : 4
- (1) _____ session mode stores session information in current application domain.
 - (2) The query string is specified by the values following the _____ symbol.
 - (3) The _____ symbol is used to pass multiple parameters in query string.
 - (4) ViewState is encoded in _____ ASP.NET.
- (b) What is state in ASP.NET ? 2
- (c) Explain QueryString in ASP.NET. 3
- (d) Explain Cookies and Multidimensional Cookies with example. 5
- 4 (a) Fill in the blanks : 4
- (1) _____ is datatype for cookie data.
 - (2) _____ objects are permanent and stored as a text file in local machine.
 - (3) _____ objects are temporary and automatically expire when the browser is closed.
 - (4) Hidden field stores data at _____ side in ASP.NET.
- (b) Explain Global.asax file. 2
- (c) Explain Session in ASP.NET. 3
- (d) Differentiate : Client Side State Management vs Server Side State Management 5
- 5 (a) Fill in the blanks : 4
- (1) ADO stands for _____.
 - (2) The _____ object acts as a mediator between the dataset object and the database.
 - (3) The _____ is essentially a collection of datatable objects.
 - (4) _____ command execution returns the number of effected records in the table.
- (b) Explain Architecture of ADO.NET. 2
- (c) Explain DataColumn, DataRow and DataConstraints. 3
- (d) Explain GridView Control with example. 5

- 6 (a) Fill in the blanks : 4
- (1) _____ control displays the records of a data source in a tabular format.
 - (2) _____ control is used to display data from database into a list format to the web pages.
 - (3) _____ namespace is used to interact with SQL SERVER database.
 - (4) _____ datatype is returned when calling the ExecuteScalar() method.
- (b) Explain Connection Class in ADO.NET. 2
- (c) Explain Command Class in ASP.NET. 3
- (d) Explain Repeater control with example. 5
- 7 (a) Fill in the blanks : 4
- (1) CSS stands for _____.
 - (2) _____ is extension of master page in ASP.NET.
 - (3) Theme files are stored with the extension _____.
 - (4) In _____ caching strategy the web page is cached partially.
- (b) What is Master Page in ASP.NET ? 2
- (c) Explain Themes in ASP.NET. 3
- (d) Explain Partial Page Caching and Absolute Cache in ASP.NET. 5
- 8 (a) Fill in the blanks : 4
- (1) A _____ is a set of skins and any other associated files such as images or stylesheets.
 - (2) An _____ style is a style that's placed directly inside an HTML tag.
 - (3) In _____ cache, values expire at a fixed specified date or time.
 - (4) _____ catching technique, caches data from a data source/database.
- (b) Explain CSS in ASP.NET. 2
- (c) Explain Data Caching in ASP.NET. 3
- (d) Explain Page Output Caching with example. 5

- 9** (a) Fill in the blanks : **4**
- (1) XML stands for _____.
 - (2) HTTP stands for _____.
 - (3) SOAP stands for _____.
 - (4) UDDI stands for _____.
- (b) Explain Tracing in ASP.NET. **2**
- (c) Explain deployment of web application in web server in ASP.NET. **3**
- (d) Explain Authentication and Authorization in ASP.NET. **5**
- 10** (a) Fill in the blanks : **4**
- (1) XMLREADER class is member of _____ namespace.
 - (2) _____ is extension of configuration file in ASP.NET.
 - (3) _____ is error code for page not found / not found in ASP.NET
 - (4) _____ is errorcode for server time out in ASP.NET.
- (b) Explain web.config File in ASP.NET. **2**
- (c) Explain Custom Errors handling with example in ASP.NET. **3**
- (d) Explain Web Services in ASP.NET. **5**
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