



D-003-004601

Seat No. _____

B. Sc. (Sem. VI) (I.T.) (CBCS) Examination

April / May – 2015

CS-30 : Programming with ASP.NET

Faculty Code : 003

Subject Code : 004601

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

[Total Marks : 70

SECTION - I

1 Multiple choice questions : 20

- (1) Find the correct answer for following input
 $\backslash d\{3\}(-\backslash d\{4\}|\backslash d\{2\})-\backslash d\{2\}?$ In regular expression.
- (A) 3-42-2 (B) 333-42-2
(C) 3-4444-22 (D) 333-44-22
- (2) _____ is a Client side state management.
- (A) Session (B) Application
(C) Globle file (D) Viewstate
- (3) Which property is use to display validation errors in the validation summary control ?
- (A) Text (B) Error message
(C) Display (D) Visible

- (4) Which sentence is not true for data reader ?
- (A) Provide better performance.
 - (B) DataReader object has read-only access.
 - (C) DataReader object supports a single table based on a single SQL query of one database.
 - (D) We can create relation in data reader.
- (5) To access the connection string from the web.config file, _____ class is used.
- (A) WebConfig
 - (B) Configuration manager
 - (C) Command
 - (D) Data manage
- (6) Which of the following is the object of ADO.NET data provider ?
- (A) SqlConnection
 - (B) SqlCommand
 - (C) Data Reader
 - (D) All of above
- (7) Which of the following is not the way to maintain state ?
- (A) View state
 - (B) Cookies
 - (C) Session object
 - (D) Request model
- (8) Which of the following extension does a webservice file will have ?
- (A) .asmx
 - (B) .aspx
 - (C) .ascx
 - (D) .dresx

- (9) Which is not a type of AUTHORIZATION ?
- (A) File authorization (B) Customized authorization
(C) Servers authority (D) URL authorization
- (10) Which SqlCommand method is used when table return a single value ?
- (A) Execute data reader (B) Execute reader
(C) Execute scalar (D) Execute non query
- (11) Full Form of UDDI
- (A) Universal Description, Discovery and Integration
(B) Universal, Discovery, Description and Integration
(C) Users Description, Discovery and Integration
(D) Users Discovery, Description and Integration
- (12) Full Form of WSDL
- (A) Web Server Description Language
(B) Web Server Discovery Language
(C) Web Server Description Language
(D) Web Service Discovery Language
- (13) Which class or object has faster access to data ?
- (A) SqlConnection (B) DataReader
(C) DataAdapter (D) Query

(14) Which is not a Participating Technology in Web-Service ?

- (A) UDDI
- (B) SOAP
- (C) WSDL
- (D) SDLP

(15) What is used to validate complex string patterns like an e-mail address ?

- (A) Extended expressions
- (B) Range expressions
- (C) Regular expressions
- (D) Require validator

(16) Which code sentence is not true in asp.net ?

- (A) `da.Fill(ds, "Emp");`
- (B) `DataRow row=dt.newRow();`
- (C) `da.MissingSchemaAction = MissingSchemaAction.AddWithKey;`
- (D) None of these

(17) Which method is used to terminate the session ?

- (A) `Session_End()`
- (B) `Abandon()`
- (C) `Stop()`
- (D) `Removed()`

(18) Which data type by default support by `! IsPostBack()` method.

- (A) string
- (B) int
- (C) boolean
- (D) double

- (19) We can manage state in asp.net application using
- (A) Session state (B) Application state
(C) Viewstate (D) All of above

- (20) _____ extension is use for global file in asp.net.
- (A) .aspx (B) .asmx
(C) .ascx (D) .asax

SECTION - II

- 2** (a) Attempt the following question : (any **three**) **6**
- (1) What is Asp.Net ? Explain different feature of ASP.NET.
 - (2) Explain Textbox control with example.
 - (3) Explain Asp.Net Page Life Cycle.
 - (4) Differentiate Application State and Session State.
 - (5) Explain Calendar control with example.
 - (6) Describe Label control with five property.
- (b) Attempt the following question : (any **three**) **9**
- (1) Explain Cookie with example.
 - (2) Explain different type of button control.
 - (3) List out RichControl in Asp.Net and Explain any one of them.
 - (4) Explain ViewState with example.
 - (5) Explain Query string with example.
 - (6) List out validation control and explain any one.

(c) Attempt the following question : (any **two**) **10**

- (1) Write a program to create Secure Login Control with TableName- Login it contain two field UserName (Varchar(50)) Password (Varchar(50)) using Session variable.
- (2) Write a program that will Insert and display data (acc_no, acc_name, acc_type) of bank_dtail table on GridView Control.
- (3) Write a program to Create Calculator Using View State.
- (4) Write a program to Display Advertisement on webpage using Ad-Rotater Control.
- (5) Write a program to create virtual table for Product with following field Id with auto Increment, Name with Unique Identity, Price with Allow Db Null value, Quantity with Allow Db Null value, TotalPrice = Quantity * Price using Datable, DataRow, DataColumn class and Display Data on GridView Control.

3 (a) Attempt the following question : (any **three**) **6**

- (1) Explain connection class in ADO.Net.
- (2) Difference between Data reader and Dataset.
- (3) What is Soap ? Explain in detail.
- (4) Write short note on XML.
- (5) Explain Data Binding technique in detail.
- (6) Explain Postback event in detail.

(b) Attempt the following question (any **three**) **9**

- (1) Write a note on command object in Asp.Net.
- (2) Explain Data Table, Data Row and Data Column in brief.

- (3) Explain Data View class with example.
 - (4) Write a note in XML Web Services with examples.
 - (5) Explain Data Adapter in detail.
 - (6) Explain Asp.Net page structure.
- (c) Attempt the following question : (any two) **10**
- (1) Explain architecture of ADO.NET in asp.net.
 - (2) Explain Tracing in detail.
 - (3) Explain Authentication and Authorization in detail.
 - (4) What is the use of Web.config File ?
 - (5) Explain Grid View with its property and tamplate.
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