

Seat No. : _____

SH-103

September-2020

B.C.A., Sem.-VI

CC-307 : Software Testing

Time : 2 Hours]

[Max. Marks : 50

- Instructions :** (1) All Questions in **Section I** carry equal marks.
(2) Attempt any **TWO** questions in **Section I**.
(3) Question V in **Section II** is **COMPULSORY**.

Section – I

1. (A) What are the principles of software testing ? Explain in brief. **10**
(B) Write a short-note on Software Testing Life Cycle. **10**
2. (A) Explain structured walkthrough and technical review in detail. **10**
(B) Explain Equivalence Class Testing used in black-box testing. **10**
3. (A) Write a short note on Call graph-based integration technique. **10**
(B) What is acceptance testing ? Explain its types. **10**
4. (A) Explain elements of test infrastructure management in test management. **10**
(B) Write a short note on test process. **10**

Section – II

5. Answer the following (Any **Five**) : **10**
 - (1) Symptom(s) associated with a failure that alerts the user to the occurrence of a failure is called _____.
 - (a) Bug
 - (b) Error
 - (c) Defect
 - (d) Incident
 - (2) Every design feature and its corresponding code is checked logically with every possible path execution in _____.
 - (a) Black-box testing
 - (b) White-box testing
 - (c) Testing tool
 - (d) None of the above

- (3) Testing is a _____ process.
- (a) Intuitive (b) Random
(c) Planned (d) None of the above
- (4) Each row of state table corresponds to _____.
- (a) Input (b) State
(c) Transition (d) None of the above
- (5) A node with more than one arrow entering it is called a _____.
- (a) decision node (b) junction node
(c) region (d) All of the above
- (6) Static testing can be applied for most of the _____.
- (a) Validation activities (b) Verification activities
(c) SDLC activities (d) None of the above
- (7) Two types of interface modules which must be simulated, if required, to test the modules are _____.
- (a) unit and integration (b) simulators and emulators
(c) stubs and drivers (d) None of the above
- (8) The nodes where the control is being transferred after calling the module, are called
- (a) sink nodes (b) source nodes
(c) message (d) None of the above
- (9) The _____ criteria specify when a test activity is started.
- (a) Entry (b) Exit
(c) Full (d) None of the above
- (10) A _____ is a communication that happens through the testing cycle when defects are encountered.
- (a) Test Incident Report (b) Test Cycle Report
(c) Test Summary Report (d) None of the above
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Seat No. : _____

SH-103

September-2020

B.C.A., Sem.-VI

CC-307 : Website Development-I (ASP.NET) (Old Course)

Time : 2 Hours]

[Max. Marks : 50

- Instructions :** (1) All Questions in **Section I** carry equal marks.
(2) Attempt any **TWO** questions in **Section I**.
(3) Question V in **Section II** is **COMPULSORY**.

SECTION – I

1. (A) List and explain different Application Configuration Files available in ASP.Net. **10**
(B) Explain Table, TableRow, TableCell control with its properties. Also give suitable example. **10**
2. (A) Explain RadiobuttonList control with its properties. Also explain how it is different from Radiobutton control. **10**
(B) Explain the use of Page Directives in ASP.Net. Explain @Page, @Assembly and @Import page directive. **10**
3. (A) List all validation controls. Explain different uses of Compare Validator control in detail with properties. **10**
(B) Explain following controls : **10**
 - (a) LoginView with its different templates
 - (b) Login with its properties
4. (A) Define Connection String. Explain different types of command objects of ADO.Net. **10**
(B) Explain File class with Copy(), Move(), Delete(), Exists() methods. How File class is different from FileInfo() class. **10**

SECTION – II

5. Multiple choice questions : (Any five)

10

- (1) Which protocol is used for requesting a web page in ASP.NET from the Web Server ?
 - (a) HTTP
 - (b) TCP
 - (c) SMTP
 - (d) None of the above
- (2) _____ control is used to display month calendar from which users can select date(s).
 - (a) Calendar
 - (b) Date
 - (c) Datetime
 - (d) All of the above
- (3) What are the types of cookies ?
 - (a) Session cookies
 - (b) Persistent cookies
 - (c) Dummy cookies
 - (d) (a) and (b) are correct
- (4) What is/are the advantage/s of Session State ?
 - (a) It helps to maintain user data to all over the application and can store any kind of object.
 - (b) Stores every client data separately.
 - (c) Session is secure.
 - (d) All of the above
- (5) ADO. Net stands for _____.
- (6) Namespace used to access input/output file is _____.
 - (a) System. Input Output
 - (b) System.IO
 - (c) System.Text
 - (d) System.Data.IO
- (7) What are the Command Object Methods ?
 - (a) ExecuteNonQuery
 - (b) ExecuteReader
 - (c) ExecuteScalar
 - (d) All of the above
- (8) Gridview control gives facility to Update and Delete record. (True / False)
- (9) The _____ method redirects a request to a new URL.
 - (a) Response.Redirect
 - (b) Response.Write
 - (c) Request.QueryString
 - (d) None
- (10) How to create a TextBox for retrieving a password from a user ?
 - (a) Set TextMode property of the TextBox control to Secret.
 - (b) Set Mode property of the TextBox control to Password.
 - (c) Set Text property of the TextBox control to Password.
 - (d) Set TextMode property of the TextBox control to Password.