

(6 pages)

Reg. No. :

Code No. : 5465

Sub. Code : ZCSM 21

M.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2023.

Second Semester

Computer Science – Core

ADVANCED WEB TECHNOLOGY

(For those who joined in July 2021 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. ASP.NET is a

- (a) Client-Side technology
- (b) Server-side technology
- (c) Web technology
- (d) Browser technology

2. What namespace is used for ASP.NET Web Form by default?

- (a) System.Web.Form
- (b) System.Web.UI.Page
- (c) System.Web.GUI.page
- (d) System.Web.UI.Form

3. _____ is not an ASP.NET page event.

- (a) Load
- (b) Init
- (c) Import
- (d) All of the mentioned

4. Which of the following is the first event of the ASP.NET page, when the user requests a web page?

- (a) Init
- (b) Load
- (c) PreInit
- (d) PreLoad

5. Syntax for closing and opening the connection in ADO.net is _____.

- (a) sqlConn.Open() and sqlConn.close()
- (b) sqlConn.open() and SqlConnection.Close()
- (c) sqlConn.Open() and sqlConn.Close ()
- (d) sql.open() and sql.Close()

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6. _____ is used to read XML documents and provide access to their content and structure.
- (a) XML Processor (b) XML Pre-processor
(c) XML Compiler (d) XML Interpreter
7. Which element of WSDL is used to define the types of data that a web service uses?
- (a) <types> (b) <port>
(c) <binding> (d) <service>
8. Which of the following is a component of a Web Service architecture?
- (a) WSDL (b) UDDI
(c) SOAP (d) All of the above
9. Web.config file is used
- (a) Configures the time that the server-side code behind module is called
(b) To store the global information and variable definitions for the application
(c) To configure the web server
(d) To configure the web browser

10. What class does the ASP.NET Web Form class inherit from by default?
- (a) System.Web.UI.Page
(b) System.Web.UI.Form
(c) System.Web.GUI.Page
(d) System.Web.Form

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain about subroutine in ASP .NET.
Or
(b) Discuss about namespace and assemblies.
12. (a) Generalize Web Control classes.
Or
(b) Justify Session state.
13. (a) Write about data binding with databases.
Or
(b) Express the file system information.



14. (a) Examine communicating with a web service.

Or

- (b) Explain about the StockQuote web service.

15. (a) Analyze creating a simple component.

Or

- (b) Classify the ASP.NET security model.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Discuss about the main components of .NET framework.

Or

- (b) Explain about the six types of conditional statements in ASP.NET.

17. (a) Justify ASP.NET applications.

Or

- (b) Generalize page tracing.

18. (a) Write in detail about updating disconnected data.

Or

- (b) Generalize the template control.

19. (a) Illustrate consuming a web service.

Or

- (b) Determine WSDL.

20. (a) Organize output caching.

Or

- (b) Classify deriving custom controls.

