

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc(SS) DEGREE EXAMINATION MAY 2023  
(Eighth Semester)

Branch – SOFTWARE SYSTEMS  
(Five Years Integrated)

ASP.NET WITH C#

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

- 1 The file extension of an ASP.NET web form is \_\_\_\_\_.  
(i) .docx (ii) .aspx (iii) .jpeg (iv) None of the above
- 2 \_\_\_\_\_ is not an ASP.NET page event.  
(i) Load (ii) Init (iii) Import (iv) All of the mentioned
- 3 To use the .NET Framework Data Provider for SQL Server, an application must reference the \_\_\_\_\_ namespace.  
(i) System.Data.Client (ii) System.Data.SqlClient  
(iii) System.Data.Sql (iv) None of the mentioned
- 4 \_\_\_\_\_ object is used to fill a DataSet/DataTable with query results in ADO.net.  
(i) DataReader (ii) Dataset (iii) DataAdapter (iv) DataTables
- 5 In ASP.NET if one uses Windows authentication the current request attaches an object called as \_\_\_\_\_.  
(i) Serialization (ii) WindowsPrincipal  
(iii) WindowDatset (iv) None of the Above
- 6 In ASP.NET if one wants to maintain session then which of the following is used?  
(i) In-process storage (ii) Microsoft SQL Server  
(iii) Session State Service (iv) All the Above
- 7 Give one word: What model does ASP.NET request processing is based on \_\_\_\_\_.  
(i) Bottom-up (ii) Top-down (iii) Waterfall (iv) Pipeline
- 8 The first event triggers in an aspx page is \_\_\_\_\_.  
(i) Page\_Init() (ii) Page\_Load() (iii) Page\_click() (iv) page\_lock()
- 9 What class does the ASP.NET Web Form class inherit from by default?  
(i) System.Web.UI.Page (ii) System.Web.UI.Form  
(iii) System.Web.GUI.Page (iv) System.Web.Form
- 10 We can manage states in asp.net application using \_\_\_\_\_.  
(i) Session Objects (ii) Application Objects  
(iii) ViewState (iv) All of the above

Cont...

**SECTION - B (25 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

- 11 a) Determine the basics of C# language.  
OR  
b) Illustrate the different types of HTML server controls with example.
- 12 a) Evaluate the purpose of List controls used in ASP.NET.  
OR  
b) How will you custom cookies in state management? Describe.
- 13 a) Show the purpose of repeated value data binding.  
OR  
b) How to use the templates with the DataList control? Explain.
- 14 a) Analysis the need of file system information.  
OR  
b) Explain the various types of XML classes.
- 15 a) How the designing helped in scalability in C#? Explain.  
OR  
b) Distinguish between the forms and windows authentication.

**SECTION -C (40 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

*Question no. 16 is compulsory*

- 16 Enumerate the anatomy of web form in visual studio.
- 17 a) Formulate the exception handling mechanism used in ASP.NET.  
OR  
b) Determine the anatomy of an ASP.NET application.
- 18 a) Explain the data binding with multiple templates in ASP.NET with examples.  
OR  
b) Justify the steps to prepare your list for selecting and editing in C#.
- 19 a) Illustrate the importance of XML in ADO.NET.  
OR  
b) Elucidate the XML display and transforms with example.
- 20 a) Construct the ASP.NET security model with neat diagram.  
OR  
b) Summarize the methods of reading and writing with streams.

Z-Z-Z

END