

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2022  
(Eighth Semester)

Branch – SOFTWARE SYSTEMS  
(Five year 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) In ASP.NET application DLL files are stored in \_\_\_\_\_ folder.  
(i) App\_Data (ii) App\_Code  
(iii) Bin (iv) App\_LocalResources
- 2) Which of the following denote the web control associated with Table control function of ASP.NET?  
(i) DataList (ii) ListBox  
(iii) TableRow (iv) All the Above
- 3) ASP.NET separates the HTML output from program logic using a feature named as \_\_\_\_\_  
(i) Exception (ii) Code-behind  
(iii) Code-front (iv) None of the above
- 4) In ASP.NET if you want to allow page developers a way to specify static connections in a content page then the class used is \_\_\_\_\_.  
(i) WebPartManager (ii) ProxyWebPartManager  
(iii) System.Activator (iv) None of the Above
- 5) Attribute must be set on a validator control for the validation to work.  
(i) ControlToValidate (ii) ControlToBind  
(iii) ValidateControl (iv) Validate
- 6) An alternative way of displaying text on web page using \_\_\_\_\_.  
(i) asp:label (ii) asp:listitem  
(iii) asp:button (iv) asp:check
- 7) Default Session data is stored in ASP.Net.  
(i) StateServer (ii) Session Object  
(iii) InProcess (iv) all of the above
- 8) Which object can help you maintain data across users?  
(i) Application object (ii) Session object  
(iii) Response object (iv) Server object
- 9) Which of the following ASP.NET object encapsulates the state of the client?  
(i) Application object (ii) Session object  
(iii) Response object (iv) Server object
- 10) The .NET Framework provides a runtime environment called \_\_\_\_\_.  
(i) RMT (ii) CLR  
(iii) RCT (iv) RC

Cont...

**SECTION - B (25 Marks)**

Answer ALL questions

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

- 11 a Determine the anatomy of an ASP.NET application.  
OR  
b How will you create a simple website using visual studio? Give example.
- 12 a Illustrate the events and properties of the AdRotator class.  
OR  
b Classify the properties of table controls used in web controls.
- 13 a Discuss the single value data binding with example.  
OR  
b How the sorting dynamically with the DataGrid? Explain.
- 14 a Distinguish between the file and web application.  
OR  
b Show the XML's hidden role in .NET.
- 15 a Analysis the determining security requirements of ASP.NET.  
OR  
b Evaluate the impersonation in ASP.NET applications.

**SECTION -C (40 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)  
Question No. 16 is compulsory

- 16 Categorize the types of HTML server controls with example.
- 17 a Determine the select, update, insert and delete statements in ADO.NET.  
OR  
b Enumerate the various types of exception handling used in ASP.NET.
- 18 a How the sorting and filtering with data view? Explain.  
OR  
b Evaluate the purpose of paging with the data grid.
- 19 a Formulate the reading and writing with streams with example.  
OR  
b Justify the purpose of allowing file uploads ASP.NET application.
- 20 a Compare the functions of output caching and data caching.  
OR  
b Analyze the implementation of form authentication ASP.NET application.

Z-Z-Z

END