

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Fourth Semester)

Branch – COMPUTER SCIENCE

.NET FRAMEWORK

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- The text with angle brackets is referred to as a _____.
(i) Tag (ii) Code (iii) Programme (iv) Text
- _____ is a page model where server-side code is stored in the same file as the markup.
(i) Code Behind (ii) Split View (iii) Inline Code (iv) Design
- _____ property contains the server ID of the control that needs to be validated.
(i) EnableClientScript (ii) ControlToValidate
(iii) ValidationGroup (iv) SetFocusOnError
- _____ is a collection of variables of the same type that are referred to by a common name.
(i) Array (ii) String (iii) Form (iv) Controls
- A _____ is a dispatchable unit of executable code.
(i) Class (ii) Namespace (iii) Web form (iv) Thread

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- (a) Explain the relationship between request and response in ASP.NET with a neat diagram.
(OR)
(b) Comment on the Rules of HTML 5. Give example.
- (a) Relate Web application project with Website Projects.
(OR)
(b) Analyze various web files used in ASP.NET Web forms.
- (a) Summarize the properties of Compare Validator.
(OR)
(b) Explain the Range Validator with an example.

Cont...

9. (a) Write a C# program to illustrate Two dimensional Array.
(OR)
(b) Use the concept of Divide by Zero error and implement Exception using Multiple Catch clauses.
10. (a) Produce the methods for Reading console Input. Give examples.
(OR)
(b) State the process of passing arguments to an Anonymous methods.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11. (a) Elucidate in detail on the Table and List tags in HTML with an example.
(OR)
(b) Discuss on the steps to customize the IDE.
12. (a) Trace the process to for Linking pages in ASP.NET. Give example.
(OR)
(b) Highlight on the steps for using Formats and Table menus in ASP.NET.
13. (a) Analyze various Data bound controls in ASP.NET. Illustrate an example.
(OR)
(b) Elucidate the process of RequiredField validator in ASP.NET.
14. (a) Classify the process of Throwing and Rethrowing an Exception.
(OR)
(b) Comment on the concept of Jagged Array. Give example.
15. (a) Elucidate in detail on Reading and Writing Binary data.
(OR)
(b) Summarize in detail on Thread Communication using Wait(), Pulse() and PulseAll().

Z-Z-Z

END