

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BCA DEGREE EXAMINATION DECEMBER 2024
(Fourth Semester)

Branch – COMPUTER APPLICATIONS
DISTRIBUTED TECHNOLOGIES

Time: Three Hours

Maximum: 50 Marks

SECTION- A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5x1=5)

1. .NET Framework _____ a comprehensive library accessible across all .NET languages.
 - i. Class Library
 - ii. Language
 - iii. CLR
 - iv. None of the Above
2. In .NET, _____ are templates that encapsulate data and behavior, and enable object-oriented programming. .
 - i. Behaviors
 - ii. Classes
 - iii. Functions
 - iv. Data
3. _____ means to run your code step by step in a debugging tool like Visual Studio, to find the exact point where you made a programming mistake.
 - i. Error
 - ii. Code
 - iii. Debugging
 - iv. Compiling
4. The _____ control is used for displaying images on the form.
 - i. Message Box
 - ii. Black-box
 - iii. Timer
 - iv. Picture Box
5. _____ is a Microsoft API that lets applications access and manipulate data from different sources.
 - i. OLE DB
 - ii. DB
 - iii. Data Grid
 - iv. Data Set

SECTION-B (15 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5x3=15)

6. a) Enumerate the Data Types.
OR
b) Brief note on ASP.NET.
7. a) Discuss on ASP.NET Applications.
OR
b) To illustrate Global.asax.
8. a) Explain the AdRotator.
OR
b) Illustrate the Visual Studio .NET Debugging.
9. a) Write note on Scrollbar Controls.
OR
b) Brief note on The MsgBox() Function in VB .NET.
10. a) Discuss on Connecting to a SQL Server Database.
OR
b) Describe the Binding a Dataset to a Web Forms Data Grid.

Cont...

SECTION-C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5x6 = 30)

11. a) Analyze the Common Language Runtime in detail.
OR
b) Write brief note on Functions and Subroutines.
12. a) Explain about IIS Web Server.
OR
b) Describe the Value Types and Reference Types.
13. a) Enumerate the Validation With example.
OR
b) Discuss on Rich Controls in Visual Studio .NET.
14. a) Describe about Any Two controls in VB .NET.
OR
b) To illustrate the Function Call and Arguments.
15. a) Discuss on Connecting to an OLE DB Data source.
OR
b) Enumerate the Reading Data Using a Data Reader.

Z-Z-Z

END