PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BVoc DEGREE EXAMINATION DECEMBER 2024
(Fifth Semester)

Branch- NETWORKING AND MOBILE APPLICATION

.NET TECHNOLOGIES

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   The ____ language allows more than one method in a single class
   (i)   C++   (ii) C#
   (iii) JAVA   (iv) PHP

2   A _____ is an identifier that denotes a storage location
   (i)   Constant   (ii) Reference Types
   (iii) Keywords   (iv) Variables

3   ASP.NET applications can be hosted on _____.
   (i)   Windows Server   (ii) Linux
   (iii) MacOS   (iv) Android

4   ASP.NET Web Forms used for_____
   (i)   Building REST APIs   (ii) Database administration
   (iii) Creating dynamic web pages   (iv) Server management

5   _____object is used to fill a DataSet/DataTable with query results in ADO.net.
   (i)   DataReader   (ii) DataTables
   (iii) DataAdapter   (iv) DataSet

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Write a role on New features of .NET framework 4.5.
                    OR
     b   Write a program for Creating a simple C# Console Application.

7   a   Explain about Encapsulation and Polymorphism with example.
                    OR
     b   How to working with Typography? Explain.

8   a   Explain about exploring resources and with example
                    OR
     b   How to creating a sample ASP.NET 4.5 web Application? Explain.

9   a   Write a note on navigation controls.

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     b   How to create Sitemap path controls? Explain.

10   a   Illustrate the needs for master pages and themes.

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     b   Explain about Data Reader in ADO.NET.

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SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

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11 a   Explicate on Evaluation and Benefit of .NET.

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     b   Discuss the data types variables and constants in C#.

12 a   Explain the following i) Pointers ii) Delegates

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     b   Implicate Array list with example.

13 a   What is WPF Controls? List out the different types of controls in WPF.

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     b   Describe the ASP.NET life cycle.

14 a   Elucidate Standard controls in web forms.

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     b   Briefly explain about menu controls in web form.

15 a   Explain about Data Access with ADO.NET.

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     b   Explain the creation of Command Objects and working with data adapters.

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Z-Z-Z   END

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