

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**BVoc DEGREE EXAMINATION MAY 2022  
(Fourth Semester)**

**Branch – NETWORKING AND MOBILE APPLICATION**

**C# AND .NET PROGRAMMING**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer **ALL** questions

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

1. C# has \_\_\_\_\_ operator, useful for making two way decisions.
 

(i) Looping	(ii) Functional
(iii) Exponential	(iv) Conditional
2. What will be the output of the following C# code?
 

```
static Void Main(string[] args)
{
    String name= "Dr.Gupta";
    Console.WriteLine ("Good Morning"+name);
}
```

(i) Good Morning	(ii) Good Morning Dr.Gupta
(iii) Dr.Gupta	(iv) Good Morning name.
3. Which of these methods of the class String is used to obtain length of String object?
 

(i) Get()	(ii) Sized()	(iii) Lengthof()	(iv) Length()
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4. How is a string typically processed?
 

(i) On a character by character basis	(ii) on a string by string basis
(iii) Both a and b	(iv) none of the mentioned.
5. Windows forms public object property, \_\_\_\_\_ gets or sets the bounding rectangle for the form.
 

(i) ClientSize	(ii) Size	(iii) DesktopBounds	(iv) Bounds.
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6. What is GAC?
 

(i) Garbage Collector	(ii) Global Assembly Cache
(iii) Global Assembly Collector	(iv) Global access Cache.
7. Which of the following denote the property in every Validation control?
 

(i) ControlToValidate property	(ii) Tex property
(iii) Only ((i)	(iv) Both(i) and (ii) .
8. WSDL stands for \_\_\_\_\_
 

(i) Web Server Description Language	(ii) Web Server Descriptor Language
(iii) Web Services Description Language	(iv) Web Services Descriptor language.
9. What are the Command Object Methods?
 

(i) ExecuteNonQuery	(ii) ExecuteReader
(iii) ExecuteScalar	(iv) All of the above.
10. Which ADO.NET class provide connected Environment?
 

(i) DataReader	(ii) DataSet	(iii) Command	(iv) None of the above.
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**SECTION - B (25 Marks)**Answer **ALL** questions**ALL** questions carry **EQUAL** Marks

(5 x 5 = 25)

11. a) Explain: (i) If statement (ii) For statement

(OR)

b) Write an Association, Composition and Aggregation in C#.

12. a) Analyze to the Escaping Special Characters.

(OR)

b) What is Upper and Lowercase? Write an example.

13. a) Summarize that the Text Box class

(OR)

b) Briefly Explained Intermediate Language (IL) and Just-In-Time (JIT) Compilation.

14. a) Write note on Web-Service Discovery.

(OR)

b) Explain – Discovering Browser capabilities.

15. a) Discuss about Executing stored procedures Through a Sql Command object.

(OR)

b) Briefly Explained- The DataSet's XML capabilities.

**SECTION -C (40 Marks)**Answer **ALL** questions**ALL** questions carry **EQUAL** Marks

(5 x 8 = 40)

16. (a) Describe that the .NET Framework Class Library.

(OR)

(b) Explain in detail about Defining Classes

17. (a) Discuss about Arrays with suitable example.

(OR)

(b) Summarize about the Encoding Characters

18. (a) Elucidate the Handling Form Events

(OR)

(b) Write note on ColorDialog and Font Dialog.

19. (a) Point out – The Checkbox control and The Image Control

(OR)

(b) How to Creating a Web Service? Explain.

20. (a) Discuss on Connecting to OLEDB Data Source.

(OR)

(b) Explain - Binding a Data Set to a Window Forms Data Grid.

Z-Z-Z END