SUBJECT CODE: 15CS/MC/VP54

B.C.A. DEGREE EXAMINATION – NOVEMBER 2017
FIFTH SEMESTER

COURSE   : MAJOR CORE
PAPER   : VISUAL PROGRAMMING
TIME   : 3 HOURS   MAX. MARKS: 100

SECTION - A

ANSWER ALL THE QUESTIONS: 20x1=20

Choose the correct answer

1. The .NET Framework provides a runtime environment called_____.
    a) RMT   b) CLR   c) RCT   d) RC
2. Find the term: The .NET framework provides automatic memory management using a technique called_____.
    a) Serialization   b) Garbage Collection   c) Assemblies   d) Overriding
3. In C#,a subroutine is called a _____.
    a) Function   b) Metadata   c) Method   d) Managed code
4. All C# applications begin execution by calling the _____ method
    a) Class()   b) Main()   c) Submain()   d)Namespace
5. Which of the following denote the property in every validation control?
    a) ControlToValidate property   b) Text property
    c) Both a and b   d) None of the mentioned
6. Which of the following object is not an ASP component?
    a) LinkCounter   b) Counter   c) AdRotator   d) File Access
7. The First event triggered in an aspx page is _____.
    a) Page_Init()   b) Page_Load()   c)Page_click   d)Page_ReInit()
8. What class does the ASP.NET webform class inherit from by default?
    a) System.Web.UI.Page   b) System.Web.UI.Form
    c) System.Web.GUI.Page   d) System.Web.Form
9. Which of the following must be done in order to connect data from some data resource to Repeater control?
    a) Set the DataSource property   b) Call the DataBind method
    c) Both a and b   d) None of the above
10. Which method do you invoke on the DataAdapter control to load your generated dataset with data?
    a) Load()   b)Fill()   c) DataList   d) DataBind

Fill in the blanks:

11. In .NET the operation of reading metadata and using its contents is known as_____.
12. In _____format, output will be rendered to browser when an aspx page is requested from the web server.
13. A_____ is an identifier that denotes a storage location.
14. _____are reserved, and cannot be used as identifiers.
15 . An alternative way of displaying text on web page is using _____.
16. The number of forms that can be added to a aspx page is _____.
17. _____ is the control which is used to validate that two fields are equal.
18. _____is the form in which postback occur.
19. _____is sql command execution that returns the value of the first column of the first row from a table.
20._____is ADO.NET class which provides connected environment.

SECTION – B

Answer all the questions: **(5 x 2 = 10)**

21. Define Metadata.
22. Define Constant.
23. Write a short note on Postback event handling.
24. Define View state
25. What is DataList?

SECTION - C

Answer any eight of the following: **(8 x 5 = 40)**

26. Explain about the .Net framework class library.
27. Explain the Visual Studio IDE.
28. Explain the Reference type and value type.
29. Discuss about the Switch statement.
30. Explain the asp.net page life cycle.
31. Explain the Code-Behind Page.
32. Discuss about the TreeView Control.
33. Explain cookies.
34. Explain Details view.
35. Discuss about the Data Reader.

SECTION - D

Answer any three of the following: **(3 x 10 = 30)**

36. Explain .NET framework in detail.
37. Discuss about the Constructor and Destructor.
38. Explain Checkbox and RadioButton controls in detail.
39. Describe in detail about the Validation controls.
40. Discuss about Gridview.

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