

D 51731

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Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2013

(CUCSS)

Computer Science

CSC 3C 02—NET TECHNOLOGY

Time : Three Hours

Maximum : 36 **Weightage**

Part A

*Answer **all** questions.*

*Each question carries 1 **weightage**.*

1. List the components of NET platform.
2. How does NET executables differ from typical windows executables ?
3. Compare assemblies and components.
4. What is an Intermediate Language ?
5. List the benefits of **ADO.NET**.
6. List the steps in connecting to a data source.
7. List the features of **ASP.NET** tracing.
8. Differentiate between Application level and Page level trace.
9. What is a code behind page ?
10. What is a web control ?
11. What is a page event ?
12. What is **IsPostBack** property ?

(12 x 1 = 12 **weightage**)

Part B

Answer any six questions.

*Each question carries 2 **weightage**.*

13. Describe the role of Meta Data in .NET framework.
14. What is an assembly ? What are the different types of assemblies in .NET ?
15. With suitable example, explain how a **Dataset** can be created.
16. Explain how **Datasets** interact with **XML** as a data source.
17. Explain how trace information are read.
18. Explain the concept and advantages of partitioning an **ASP.NET** page.

Turn over

19. Explain the steps in creating components.
20. With suitable example, explain how you can create your own procedure that can be called from one of the event procedures.
21. Discuss the server side controls to generate **HTML** tables through your code.

(6 x 2 = 12 weightage)

Part C

*Answer any **three** questions.
Each question carries 4 **weightage**.*

22. Discuss CTS and **CLS**.
23. (a) Discuss the advantages of .NET framework.
(b) With suitable example, explain how custom **ASP.NET** trace message can be written.
24. With suitable example, explain how user controls are created and used.
25. Discuss creation of web forms.
26. With suitable example, explain the steps in adding **HTML** server control to a page.
27. Discuss data access with **Datasets** and **Datareaders**.

(3 x 4 = 12 weightage)

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