

**D 31386**

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Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. (COMPUTER SCIENCE) DEGREE  
EXAMINATION, NOVEMBER 2012**

(CUCSS)

**CSC C302—• NET TECHNOLOGY**

Time : Three Hours

Maximum : 36 Weightage

**Part A**

*Answer all questions.  
Each question carries 1 weightage.*

1. What is a managed code ?
2. What is the purpose of clr ?
3. State the significance of •NET frame work class library.
4. What is a Web form in ASP •NET ?
5. What is aPostBack in ASP •NET ?
6. What is a Web control in ASP •NET ?
7. What do you mean by Intrinsic controls ? List and explain any *four* intrinsic controls.
8. What do you mean by Stored Procedure ?
9. What is ADO •NET ?
10. What do you mean by an ASP •NET page ?
11. Explain the significance of Components in ASP •NET.
12. What is a Trace ?

(12 x 1 = 12 weightage)

**Part B**

*Answer any six questions.  
Each question carries 2 weightage.*

13. Explain •NET execution model.
14. What is JIT ? How does it work ?
15. Explain any *four* ASP •NET page events.
16. Explain the steps in adding event handlers for page events. Give suitable illustrations.
17. Explain the steps in connecting to a data source.
18. Explain how XML Data can be accessed using ADO •NET DataSets.
19. List the advantages of partitioning an ASP •Net page.

Turn over

- 20. With suitable illustrations, explain how User controls are created.
- 21. Explain the purpose of Trace.

(6 x 2 = 12 weightage)

### Part C

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

- 22. Explain the steps in developing an application using .NET frame work.
- 23. (a) Explain the two general categories of types that a Common type system supports. Give a suitable example which differentiate between reference-types and value types.  
(b) Explain Application Level trace:
- 24. Write note on HTML server controls.
- 25. Write a sample application illustrating how web controls are used in application development.
- 26. Explain the steps in accessing data with DataReaders and DataSets.
- 27. Explain how code behind page are created and used.

(3 x 4 = 12 weightage)