D 22596   (Pages : 2)   Name.......................................

Reg. No.................................

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, JANUARY 2012

Computer Science

CSC 3C 02—NET TECHNOLOGY

(2010 admissions)

Time : Three Hours   Maximum Weightage : 36

Part A

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

1. What is a managed code ?

2. What is CLR ?

3. Explain the term jit.

4. List *four* advantages of .NET framework.

5. List *four* page events.

6. What is an HTML server control ? List any *two*.

7. Explain any *two* ASP.NET web server controls.

8. What is the difference between HTML and XML ?

9. What is a trace ?

10. Explain the term "code behind a page".

11. What is ADO ?

12. List *four* features of ASP.NET.

(12 x 1 = 12 weightage)

Part B

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

13. Write notes on Common Language Specification.

14. Explain "assemblies".

15. Explain how properties and methods of server controls in a code are accessed.

16. Compare ASP and ASP.NET.

17. Write notes on handling postback forms.

Turn over

18. Write a suitable code illustrating the support of ADO.NET in accessing data.

19. Write appropriate code and explain how user controls are created and used.

20. Explain page level trace.

21. Write notes on binding XML data.

(6 x 2 = 12 weightage)

Part C

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

22. (a) Give a detailed account of .NET architecture.

(b) Explain how .NET framework helps in application development.

23. Give a detailed account of "Web controls" in ASP.NET. Write relevant code to illustrate Si g: **ant** aspects.

24. (a) Write suitable code illustrating how to add event handlers for page events.

(b) Explain how data is accessed with Data Readers.

25. Give a detailed account of ADO.NET.

26. (a) With appropriate sample code explain how components are created and used.

(b) Write notes on creating and using code behind page.

27. Discuss the process of trace and its objectives. Discuss in detail application level trace.

(3 x 4 = 12 weightage)