2018

M.Sc.

4th Semester Examination

COMPUTER SCIENCE

PAPER—COS-401

Subject Code—26

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

WEB TECHNOLOGY LAB

Group–A

1. Answer any *four* questions :   4×2

   (a) What do you mean by page rendering ?

   (b) Mention the default events of 'Calender' and 'Check Box' controls.

(c) What do you mean by list controls ? **Give one example.**

(d) Provide the general syntax for declaring a directive.

(e) What is the function of session variable ? **Give an example.**

(f) Differentiate between the DropDownList and ListBox Controls.

(g) What is the significance of PostedFile Property of the FileUpload class ?

(h) What is just in time (JIT) compiler ?

Group–B

Answer any *four* questions :   4×4

2. Define inline data binding. How does declarative data binding differ with it ?   2+2

3. What do you mean by debugging ? Mention some of the information while page level tracing.   2+2

4. What is authentication ? How does authorization differ with it ?   2+2

5. What is the purpose of using web.config file ? Describe any two configuratin elements.   4

6. Describe any four components of dot Net framework.

4

7. Briefly describe ASP.Net page life cycle. 4

8. What do you mean by server object ? Explain any one method associated with the HttpServer Utility Class.

2+2

9. What is Cookie ? Why cookies are used ? Explain with an example. 4

Group–C

Answer any *two* questions : 2×8

10. What do you mean by ASP.Net directive? Why page directive and Application directives are used ? Write down the significance of the following page directive attributes :

AutoEventWireup, Codefile, Inherits. 1+2+2+3

11. Briefly describe any two of the ASP.Net Validation controls. 4+4

12. With a suitable diagram, briefly explain how ADO.Net provides a bridge between an application's front end and a database. Describe each component briefly.   8

13. How many types of authentications are allowed in ASP.Net ? Describe any two of them. What is a Proxy server ?   1+3+3+1

[Internal Assessment : 10 Marks]

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