FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II – Semester (New) (Main) Examination, May 2013

Subject : Web Programming and Services

Time : 3 hours   **Max. Marks : 75**

Note : Answer all questions from Part-A. Answer any FIVE questions from Part-B.

PART – A (25 Marks)

1. Distinguish between WWW and Internet.	2
2. What is URI? Give its format.	2
3. What is frame? Divide a page into 3 parts horizontally.	3
4. Write javascript function to validate the date with the format dd-mm-yy.	3
5. What is a web container?	2
6. List the life cycle methods of filter.	2
7. Differentiate between jsp include directive and include action tag.	3
8. Mention different mail protocols.	2
9. What is connection pooling? What is its purpose?	3
10. Give the architecture of CLR.	3

PART – B (50 Marks)

11.a) Explain different types of lists in XHTML with examples.   5

   b) Explain in detail different methods in HTTP.   5

12.a) What is XSL? Give valid XML document for an arbitrary bookstore data. Write the XSL file to display the XML content in a XHTML table.   7

   b) Explain briefly XML parsers.   3

13.a) Write in detail the steps required to deploy a J2EE application.   5

   b) What is session? Explain different session handling mechanisms.   5

14.a) What is filter? Explain the life cycle methods of filter and write a filter to authenticate the user.   6

   b) Explain in detail different JSP elements.   4

15.a) Write a program to retrieve a mail from Inbox using Java mail API.   5

   b) Explain in detail different jdbc drivers.   5

16.a) What is CLR? Give the architecture of CLR.   5

   b) Explain different controls in ASP.net with examples.   5

17. Write short notes on :
   a) Connection pooling   b) **.**Net remoting   5+5

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