FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II Semester (Main) Examination, May/June 2011

WEB PROGRAMMING & SERVICES

Time : 3 Hours]   **[Max. Marks : 75**

Note :   Answer **all** questions from Part – **A**, answer any **five** questions from Part – **B**.

PART – A   (Marks : 25)

1.	List out the different HTTP request methods.	2
2.	What are the advantages of XML over HTML ?	3
3.	What is CSS? Enumerate inline styles with example.	3
4.	Give the usage of Span and Div tags with an example for each.	3
5.	Write a simple script which can add two (2) numbers and display the result.	3
6.	What is an XML name space ?	2
7.	Illustrate deployment descriptor with an example.	3
8.	What are the different methods supported by cache object in Asp.Net ?	2
9.	What is WSDL? Give its significance.	2
10.	What are service activities in SOA ?	2

PART – B   (Marks : 50)

11. (a) Create an HTML document that includes at least two images and enough text to precede the images, flow around them (one on left and one on the right) and continue until the last image.   5

     (b) Explain about Java script data types and control structure. Write a simple program for Java script which illustrates control structures.   5

12. (a) How is event and event handling done in Java script ? Give a suitable example.   5

     (b) Illustrate with a suitable example, how validation and verification is done in Java script.   5

13. (a) Create a dynamic web page with JSP which explains the usage of actions and scripting.   6

     (b) Briefly explain about session management.   4

14. (a) Explain .Net frame work architecture and describe about validation contracts in ASP.Net with syntax.   7

     (b) What is CLR ? How would you access the My SQL database in ASP.Net ?   3

Compare and contrast the study of contemporary SOA and primitive SOA. **10**

(a) Explain XML document structure with an example. **5**

(b) Briefly discuss about J2EE Platform Architecture. **5**

Write short notes on any **two** of the following : **2 × 5 = 10**

(a) WSDL and SOAP characteristics

(b) Atomic transactions

(c) XSLT

Code No. : **5245/M**

FACULTY OF ENGINEERING
B.E. 3/4 (CSE) II Sem. (Main) Examination, May/June 2012
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. How do you represent comments in HTML ? Explain with syntax and example.   3

2. What is URL ?   2

3. Illustrate about lists, tables with suitable examples in XHTML ?   3

4. What is frame ? Divide a frame into 3 parts with suitable example.   3

5. Write a simple script to display an alert message on screen.   3

6. How does XML-passer distinguish between general entity and parameter entity.   2

7. List any four methods that Java servlet consists of.   2

8. What is generic handler in ASP.Net ?   2

9. What is SOAP ? What is its significance ?   3

10. Mention the service roles and service models.   2

PART – B   (50 Marks)

11. What is CSS ? Write CSS code for the following :   10
    a) Setting box dimensions and aligning text.
    b) Adding background image.

12. a) What is DOM ? What are the different types of events ? Explain with syntax.   4

    b) Write a document that tests, validates and displays an image with three buttons. The buttons should be labled as 1, 2 and 3. When pressed each button should change, the contents of image to that of different image.   6

13. a) What are the major features of servlets ? Explain in detail about session management with an example. **6**

    b) Create a dynamic web page with JSP with suitable example. **6**

14. a) What is WEB JDBC and MYSQL ? How it helps you to access data from database ? Explain with suitable example. **6**

    b) Give the ASP.NET Frame work control. What is its significance ? **4**

15. a) Explain in detail about SOA and Web services fundamentals. **10**

16. a) What is XML ? Explain about XSLT. **5**

    b) Give a short note on CLR and .NET languages. **5**

17. Explain **any two** of the following :

    a) Major features of servlets

    b) Contemporary SoA

    c) Types of drivers for JDBC.

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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FACULTY OF ENGINEERING
B.E. 3/4 (CSE) II – Semester (Main) Examination, June 2014

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	Write HTML code to span two rows in a table.	3
2	Differentiate between DIV and SPAN tag.	2
3	Write java script function to validate username. Username is alphanumeric with maximum of 10 characters.	3
4	What is the purpose of XML namespace?	2
5	Give the architecture of J2EE.	3
6	What is session?	2
7	List JSP implicit objects.	3
8	Write about taglib directive.	2
9	What is the difference between result set object and Rowset object?	3
10	What is generic handler in ASP.Net?	2

PART – B (50 Marks)

11 a) Write a XHTML program to create student registration form.   5
    b) Write Java script code to greet the user based on time with good morning, good afternoon and good evening.   5

12 a) What is XSL? Give valid XML document for an arbitrary bookstore database. Write XSL file to display XML file in XHTML table.   7
    b) Explain briefly XML parsers.   3

13 a) What is servlet? Explain different life cycle methods of a servlet.   5
    b) Explain in detail different architecture styles for an enterprise application.   5

14 a) Explain the mechanisms to secure a Web application with examples.   5
    b) What is the purpose of JSP tag extensions? Explain briefly anatomy of Tap extensions. 5

15 a) Explain different types of statements in JDBC.   5
    b) What is connection pooling? Explain how it is dealt.   5

16 a) What is code behind file? Explain different controls in ASP.Net with examples.   6
    b) Discuss in detail .Net architecture.   4

17 Write short notes on :
    a) Java Mail API   5
    b) .Net Remoting   5

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