

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)

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|----|--|---|
| 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)

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|----|---|---|
| 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 |
