FACULTY OF INFORMATICS

B.E. 2/4 (IT) II – Semester (Main) Examination, June 2014

Subject : Web Technologies

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 What is the difference between cell padding and cell spacing attributes?	2
2 Write the uses of the following XHTML tags.	3
i) <pre> ii) <hr /> iii) <dt>	
3 What is the difference between reset and submit buttons?	2
4 List the characteristics of array objects in Java script.	3
5 What are the advantages of XML schemes over DTDS?	3
6 What is the purpose of <span> and <div> tags?	2
7 Describe the parameters and actions of chomp function with an example.	2
8 What are the five parts of JSTL?	2
9 a) Define a servlet	1
b) What is session tracking?	2
10 What are the differences between single-quoted and double-quoted string literals in PHP?	3

PART – B (5 x 10 = 50 Marks)

11 a) Explain the pseudo classes with a suitable program.	4
b) Design an XHTML form to include the following elements.	6
i) Text boxes ii) Check boxes iii) Radio buttons	
iv) Submit and reset buttons	
(Note : choose a suitable situation for the above form)	
12 a) Explain DTD with an example.	4
b) Explain how to public an XML document using XSLT with a suitable example.	6
13 a) Write short notes on cookies.	4
b) Write a CGI program to use a cookie to remember the day of the last login from a user and display it when run.	6
14 a) Explain briefly about servlet life cycle.	5
b) Design an XHTML program which calls a servelet when you click a button, the servlet should display response message.	5
15 a) How arrays in PHP are different from these in other programming languages?	4
b) Explain how to create and access array elements in PHP.	4
c) Write any two array functions in PHP with their purpose.	2
16 Explain the different architectures for database access.	10
17 Write short notes on the following :	
a) Cascading style sheets (CSS)	4
b) Constructors in Java script	3
c) XML processors	3

******