

B.E. Seventh Semester (Computer Technology) (C.B.S.) - Elective - II
Architecture of Web Application

P. Pages : 2

Time : Three Hours



NKT/KS/17/7485

Max. Marks : 80

- Notes :
1. All questions carry marks as indicated.
 2. Solve Question 1 OR Questions No. 2.
 3. Solve Question 3 OR Questions No. 4.
 4. Solve Question 5 OR Questions No. 6.
 5. Solve Question 7 OR Questions No. 8.
 6. Solve Question 9 OR Questions No. 10.
 7. Solve Question 11 OR Questions No. 12.
 8. Due credit will be given to neatness and adequate dimensions.
 9. Assume suitable data whenever necessary.
 10. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) Explain architecture of electronic mail in detail. 7
b) What is the purpose of DNS? Why it is necessary. 7

OR

2. a) Draw architecture of TCP/IP and explain working of energy layer in detail. 10
b) Write a note on web server. 4
3. a) Write a short note on HTTP. 5
b) Write a HTML program to get a table as shown below. 8

	Inkjet			Laser	
	Original	500	600	2 p	4 m
Software	0	1	1	1	2
Hardware	1	0	0	1	0
Sales	0	0	0	1	1
Drawing	0	2	0	0	0

OR

4. a) Write the merits and demerits of using GET and POST methods. 4
b) Explain image tag with its attributes. 4
c) What is URL? List and explain different types of URL in detail. 5
5. a) What is XSL? Describe its two parts. 5

- b) Write a XHTML code to create a simple registration form with the help of suitable fields like radio buttons, buttons select box, text boxes, check box. Also design the same. 9

OR

6. a) Explain secure server in detail. 5
b) Explain structure of core XML document. 5
c) Explain following attribute types 4
i) CDATA ii) ENTITY
ii) NMTOKEN iv) Enumerated

- 7 a) What is P3P? and how does it work. 6
b) Explain how HTTP responses are processed. 7

OR

- 8 a) What are the functions of Browser. 3
b) what is cookie? Explain cookie coordination. 5
c) Write a short note on processing flow in a web browser. 5
9 a) Write java script program to find factorial of a number. i/p no from user. 6
b) What is CGI? With the help of diagram explain how CGI applications process the request of client. 7

OR

- 10 a) What is style sheet? Write a HTML code to show the use of inline internal and external style sheet. 9
b) What is DHTML? What are its advantages? 4
11 a) What is VOIP? Explain the types protocols of VOIP. 8
b) What are the issues in designing a firewall? 5

OR

- 12 a) Differentiate between intranet and extranet. 6
b) What is internet telephony? How it works? 7
