

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

P. Pages : 2

Time : Three Hours



KNT/KW/16/7485

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 wherever necessary.
 10. Illustrate your answers wherever necessary with the help of neat sketches.

1. a) Write a note on :
- i) DNS 3
 - ii) FTP 3
 - iii) Bootstrap protocol. 2
- b) What is application server and web server? Also name atleast one webserver & Application server. 6

OR

2. a) Draw and explain TCP/IP architecture in brief. 7
- b) Write a note on basic web Architecture. 7
3. a) Explain tag. What is the use of "alt" attribute in tag? 5
- b) Write a note on :-
- i) HTTP Headers. 4
 - ii) URL. 4

OR

4. a) How HTML rendering is done? Explain with example. 6
- b) Differentiate between HTML and SGML. 4
- c) What is the use of "cellspacing" and "cellpadding" attributes of <table> tag. 3
5. a) What are the basic operations of web server? 5

b) Differentiate XML & XHTML. Also give one sample example code of each.

8

OR

6. a) What is XSL? Explain its components with suitable example.

8

b) Describe following XML attributes.

5

i) PCDATA

ii) CDATA

iii) IDREF

iv) IDREF's

v) ENTITY.

7. a) What is cookies? Also explain cookie-coordination in brief.

6

b) What is P₃P and how does it work?

7

OR

8. Explain how HTTP request and response will be processed in brief with the help of an example.

13

9. a) What is the use of CSS? Explain internal and external style sheet with example.

7

b) Explain Event handling in javascript with example.

7

OR

10. a) Write a note on :

i) AJAX.

3

ii) DHTML.

3

b) Explain alert(), prompt() and confirm() methods of window with example of each in brief.

8

11. a) What is firewall? Explain firewall design issues.

7

b) Differ Intranet and Extranet with example.

6

OR

12. a) Write a note on VOIP.

7

b) How will virtual reality impact the web?

6
