

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

P. Pages : 2

Time : Three Hours



**TKN/KS/16/7572**

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) Draw the architecture of TCP/IP and explain the protocols working on internet layer. **8**  
b) What is DNS? Why it is necessary. **6**
- OR**
2. a) What is internet? Explain working of world wide web in detail. **7**  
b) What are the basic functionalities of web server and also explain connector fields of tomcat web server. **7**
3. a) Write a HTML code to design following feedback form. **8**

Feedback Form

User Name :

E-mail :

Age :  8-21  21 above

Gender  Male  Female

Address :

City :

State :

Name of Product :

Company :

- b) What do you mean by tag? Explain any five tags in HTML. 5
- OR**
4. a) Differentiate HTML and SGML. 7
- b) What is URL? List and explain different types of URL in detail. 6
5. a) What are the supported data types in XML? Give their description. 6
- b) Write parent child relationship in XML. Also write a xml code for catalog of three books. 8
- OR**
6. a) What is XSL? How xsl stylesheet is declared. 6
- b) Write a note on secure server. 5
- c) What is the difference between HTML and XHTML. 3
7. a) What are the functions of browser? How it works? List names of any four browser that you know. 7
- b) What is P3P? 6
- OR**
8. a) Explain the structure of HTTP request in detail. 8
- b) Differ cookie and session. 5
9. a) Write a JavaScript program to display Fibonacci series. 7
- b) Explain alert ( ), prompt ( ) and confirm ( ) of window object. 6
- OR**
10. a) Explain inline, internal and external CSS with example. 7
- b) What do you mean by CGI? What is the importance of CGI programming in world wide web applications? 6
11. a) What are the characteristics of firewall? 6
- b) List and explain types of firewall. Also explain its goals. 7
- OR**
12. a) What is Virtual reality? 5
- b) Differentiate between intranet and extranet. 5
- c) What is VOIP? 3

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