Reg. No. : ....

Name : ....

Eighth Semester B.Tech. Degree Examination, Dec. 2013
(2008 Scheme)
08.806 (4) : INTERNET TECHNOLOGY (Elective – IV) (R)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions. **Each** question carries **4** marks.

1. Differentiate between HTML and DHTML.

2. Differentiate between server side and client side scripting. What are the advantages and disadvantages of client side scripting ?

3. What is the role of a proxy server in a network ?

4. Write notes on the different web server hardware architectures. What is meant by a load balancing system in the context of web servers ?

5. Describe the concept of an electronic wallet. Differentiate between client side and server side electronic wallets.

6. What is meant by a stored value card ? Describe the different types of stored value cards.

7. List and explain the different mail retrieval and mailbox manipulation protocols.

8. Write short notes on SSH.

9. Explain the different types of address assignment possible with DHCP.

10. What is meant by a VPN ? Explain briefly.

(10×4=40 Marks)

PART – B

Answer **one full** question from **each** module.

Module – 1

11. a) Write detailed notes on the Document Object Model.   **10**

    b) Explain the process of creating HTML forms in detail.   **10**

OR

12. a) Give a brief overview of XML.   **10**

    b) Write notes on the various control structures available in PHP.   **10**

Module – 2

13. a) Describe the different types of client/server architectures.   **10**

    b) Write detailed notes on electronic cash.   **10**

OR

14. a) Describe the basic functions of e-commerce software.   **10**

    b) List and explain the various internet utility programs.   **10**

Module – 3

15. a) Write detailed notes on NAT.   **10**

    b) Explain the functioning of the DNS in detail.   **10**

OR

16. a) Explain the FTP protocol for file transfer. Differentiate between FTP and TFTP.   **10**

    b) Describe the SMTP mail transfer protocol in detail. What are MIME extensions ?   **10**