Reg. No. : ....

Name : ....

Eighth Semester B.Tech. Degree Examination, April 2014
(2008 Scheme)
08.806.4 (Elective – IV) : INTERNET TECHNOLOGY (R)

Time : 3 Hours   Max. Marks : 100

PART – A

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

1. Explain the role of www in the Internet.

2. Write short notes on arrays in PHP.

3. Explain the steps to transfer a file from one machine to another over the Internet. Discuss the Problems associated with FTP.

4. Explain the different types of websites.

5. Write short notes on firewalls.

6. Explain 2-tier, 3-tier and n-tier Client Server Architecture.

7. What are the components of Electronic Mail ? Explain.

8. Explain the DHCP message format.

9. Briefly explain POP.

10. Explain different kinds of NAT.   **(10×4=40 Marks)**

PART – B

MODULE – I

11. a) Explain the various website design issues in detail.   **14**

    b) Write notes embedded scripts and external scripts. How would you do these ?   **6**

OR

12. a) Explain the use of Document Type Definitions and Schemas in XML with examples.   **12**

    b) What are the various loop structures available in PHP ? Explain.   **8**

MODULE – II

13. a) Explain the basic functions of e-commerce software.   **10**

    b) Explain the different types of payment cards. Discuss their advantages and disadvantages.   **10**

OR

14. a) Differentiate between Open and Closed loop systems of payment cash.   **4**

    b) What do you mean by Electronics cards ? What are its advantages and disadvantages ?   **12**

    c) Discuss the privacy and security of electronic cash.   **4**

MODULE – III

15. a) Explain the need for Dynamic IP configuration. Explain how DHCP assigns IP addresses.   **12**

    b) Explain FTP Process Model.   **8**

OR

16. a) Explain TELNET protocol. How does TELNET accommodates heterogeneity ?   **12**

    b) Write notes on Trivial FTP.   **8**