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**D – 3561**

Reg. No. : .....

Name : .....

**Eighth Semester B.Tech. Degree Examination, December 2017**  
**08.806 (4) : INTERNET TECHNOLOGY (R)**  
**(Elective – IV)**  
**(2008 Scheme)**

Time : 3 Hours

Max. Marks : 100

**PART – A**

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

**(10×4=40 Marks)**

1. What is meant by 'stateless' in connection with HTTP ?
2. What is meant by event driven programming ?
3. What are the advantages and disadvantages of dynamic script loading ?
4. Identify possible ways of tracking a user's visit to a website.
5. Describe the components of an e-commerce software.
6. Explain the role of proxy server in web communication.
7. Describe two ways in which NAT can be implemented.
8. What are the three basic services provided by telnet ? What makes telnet interoperable among heterogenous systems ?
9. Write a brief note on MIME. How is it handled by mail servers ?
10. Write a note on SSH.

P.T.O.



PART – B

Answer **any one** question from **each** Module. **Each** question carries **20** marks.

**(3×20=60 Marks)**

**Module – I**

11. a) Write XML for the stock list of a shop.
- b) Using PHP describe how a database server can be connected and queried. Illustrate with an example.

OR

12. a) What is DOM ? How does it parse XML documents ?
- b) Design a PHP form for a railway reservation system.

**Module – II**

13. a) Explain the sequence of communication between a web server and web browser.
- b) Write notes on i) Firewall and their implementation ii) SET protocol.

OR

14. a) Explain the basic functions of an e-commerce software.
- b) Explain the functioning of online payment system. What are the risks involved ? Give the available solutions.

**Module – III**

15. Explain the working of Domain Name System in detail.

OR

16. a) Explain the protocols used to implement the e-mail service.
  - b) Explain the working of RTP and RTCP protocols.
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