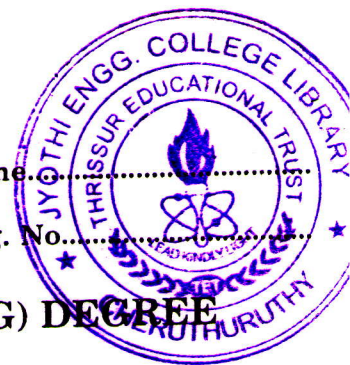


D 51317

Name.....

Reg. No.....



**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE  
EXAMINATION, DECEMBER 2008**

**IT 2K 704 – INTERNET CONCEPTS AND TECHNOLOGIES**

Time : Three Hours

Maximum : 100 Marks

*Answer all questions.*

- I. (a) List out drawbacks of CGI.  
(b) What are HTML tags? Give suitable examples.  
(c) Draw state transition diagram of an applet.  
(d) What are servlets?  
(e) What is difference between end to end delay and delay jitter?  
(f) Mention scenarios in which a network administrator may benefit from having appropriate network management tools.  
(g) What is fundamental difference between WML and HTML? Why is this difference important for hand held devices.  
(h) What are disadvantages of snooping TCP?

(8 × 5 = 40 marks)

- II. (a) (i) Explain in detail about TCP.  
(ii) Write short notes on SMTP.

(8 + 7 = 15 marks)

*Or*

- (b) Explain client/server application to demonstrate socket programming for with UDP.

- III. (a) (i) Explain in detail about events and event handlers.  
(ii) Write short notes on cookies.

(9 + 6 = 15 marks)

*Or*

- (b) (i) What are transactions in a DBC?  
(ii) Write short notes on XML.

(8 + 7 = 15 marks)

- IV. (a) Explain in detail about link scheduling mechanisms.

*Or*

- (b) Discuss in detail about RSVP.

- V. (a) Discuss in detail about WAP 2.0 architecture.

*Or*

- (b) (i) Explain about destination sequence distance vector routing.  
(ii) Why is routing in multi-hop adhoc networks complicated? What are special challenges.

(6 + 9 = 15 marks)

[4 × 15 = 60 marks]