



D 11249

Name.....

Reg. No.....

**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION  
DECEMBER 2005**

**CS 2K 704—INTERNET TECHNOLOGIES**

Time : Three Hours

Maximum : 100 Marks

**Part A**

*Answer all the questions.*

1. What is the use of 'Conditional GET' ? Briefly explain with an example.
2. In addition to translating host names to IP addresses, what are the other important services that a DNS provide ?
3. Briefly explain the steps involved in call admission in integrated service.
4. Tabulate the basic Data types of the SMI.
5. What are the technical deficiencies in Kerberos Version 4 protocol ?
6. Briefly explain the ESP format and its fields.
7. What are the advantages and disadvantages of M-TCP ?
8. What is the basic purpose of DHCP ? Name the entities of DHCP.

(8 × 5 = 40 marks)

**Part B**

*Answer one question from each Unit.*

9. Explain the services provided by the Internet transport protocols.

*Or*

10. Discuss in detail the services provided and working of DNS.
11. Explain in detail the various scheduling mechanisms used to provide Quality-of-Service guarantee.

*Or*

12. Discuss the features of integrated services.
13. Explain IPsec Documents and IPsec Services.

*Or*

14. Explain in detail the password management technique.
15. Explain Tunnelling and encapsulation of mobile IP in detail.

*Or*

16. Explain Wireless Transaction protocol and its different classes.

[4 × 15 = 60 marks]