D 40790

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SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION DECEMBER 2007

CS 2K 704—INTERNET TECHNOLOGIES

Time : Three Hours

Maximum : 100 M

Part A

Answer **all** *the questions.*

I. 1 Write short notes on DNS resolution process.

2 Discuss about Tomcat Web server and explain the procedure to install it.

3 Brief about the limitations of Best-Effort service.

4 Discuss the issues related with RTCP.

5 Explain IP Security architecture in detail.

6 What is the use of firewall ? Brief about its types.

7 Discuss the basic DHCP configuration with the client initialization.

8 Brief the advantages and disadvantages of M-TCP.

(8 × 5 = 40 m

Part B

Answer any **one** *question from each unit.*

UNIT I

II. 1 With a neat sketch, explain client/server interaction of TCP and UDP.

Or

2 Explain XML parsing with an example in detail.

UNIT II

III 1 Explain RSVP and the features related with RSVP.

Or

2 Explain the components of network management framework.

UNIT III

IV. 1 Explain PGP operation and its different services.

Or

2 Discuss Advanced Antivirus Techniques in detail.

Turn

UNIT IV

V.   1   Explain briefly about the working of mobile-IP.

Or

    2   Explain WAP-1. X architecture in detail. How it differs from WAP 2.0 ?

$(4 \times 15 = 60 \text{ marks})$