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Name.....

Reg. No.....



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

IT 2K 704—INTERNET CONCEPT TECHNOLOGIES

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

Part A

- I. 1 Explain the client/server interaction in TCP with a neat sketch.
2 What is CGI ? How it differs from static HTML ?
3 What is meant by cookies ? List out their types.
4 What is an Applet ? Draw and explain the life cycle of applet.
5 Explain the RTCP with its concepts.
6 Briefly discuss about Internet Telephony.
7 Compare and contrast WNL and WML scripts.
8 Explain how the client initialization is done in DHCP.

(8 × 5 = 40 marks)

Part B

Answer any one from each unit.

UNIT I

- II. 1 Write the Java Code for Socket programming using :
(i) TCP. (ii) UDP.
Or
2 Explain in detail about any web server.

UNIT II

- III. 1 Maintain a student database and write the queries for the following operations :—
(i) Insertion ; (ii) Delection ; (iii) Update.
Or
2 (a) Write a program for adding 'n' numbers. Get the input from user and display the results in some other window using applets. (7 marks)
(b) What is XML ? Explain about the XML parser. (8 marks)

Turn over

UNIT III

- IV. 1 Explain RTP and RTCP features in detail.

Or

- 2 Explain the components of Network Management Framework.

UNIT IV

- V. 1 Explain WAP 1.x architecture in detail. How it differ from WAP 2.0 architecture ?

Or

- 2 Explain indirect TCP, Snooping TCP and M-TCP in detail with their advantages and disadvantages.

(4 × 15 = 60 marks)