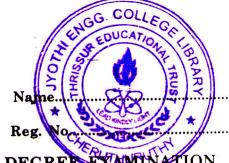
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SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION DECEMBER 2007

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.

 $(8 \times 5 = 40 \text{ marks})$

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)

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UNIT III

1 Explain RTP and RTCP features in detail. IV.

2 Explain the components of Network Management Framework.

UNIT IV

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

2. Explain indirect TCP, Snooping TCP and M-TCP in detail with their advantages and $(4 \times 15 = 60 \text{ marks})$ disadvantages.