Enrolment No.____ Seat No.: ____ **GUJARAT TECHNOLOGICAL UNIVERSITY** M.E. SEMESTER I (old course)-EXAMINATION (Remedial) - WINTER 2015 Subject code: 710205 Date: 14/12/2015 **Subject Name: Internet Technology** Time: 10:30 AM to 1:00 PM **Total Marks: 70 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. **Q.1** (a) What is default subnet mask? A company has granted the site address 07 181.56.0.0. The company needs 1000 subnets. Design the subnets. (b) An organization is granted the block 130.34.12.64/26. The organization 07 needs to have four subnets. What are the subnet addresses and the range of addresses for each subnet? Q.2 What is CSS? Explain the various ways of applying CSS style in HTML 07 (a) elements. (b) Explain HTML TABLE, FRAME & FORM tag with all options. 07 OR (b) Show the functional role of basic network devices such as NIC, HUB, Switch, 07 Router. Q.3 Differentiate the following : 07 **(a)** i) Intranet, Extranet and Internet ii) OSI Model and TCP/IP Layered Technology (b) Explain internet protocol with suitable format, Also define IP addressing with 07 example? OR (a) Give detail of general organization of Internet administration. Explain the 07 **Q.3** function of each body. (b) Explain use of Internet in daily activities. Show couple of scenario for using any 07 of two activities. Explain Internet usage in daily activities. Give detail of general organization of **Q.4 (a)** 07 Internet administration. (b) Explain Internet Explorer (IE) Tools/Internet option in brief with frequently 07 used option parameters. OR Write Short Note on HTTP & FTP. 0.4 **(a)** 07 (b) Design a Student Registration Form Using Embedded Style Sheet. 07 Using JavaScript write a program which accept two values and show summation **Q.5 (a)** 07 of those two values. (b) What is URL and it components? Compare absolute and relative links in URL. 07 OR **Q.5** (a) What is protocol? Explain OSI Model Used for networking. 07

(b) What are the uses of link? Explain with suitable example how to display link07 over the browser. Can an image be used as link?