

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – I • EXAMINATION – WINTER 2012****Subject code: 710205N****Date: 10-01-2013****Subject Name: Internet Technology****Time: 02.30 pm – 05.00 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) Explain practical use of internet in various fields. **07**
(b) Explain: LAN, WAN, Internet **07**
- Q.2** (a) What is IP address? Explain Internet addressing and its classes **07**
(b) Explain : Switch , Router and Gateway **07**
- OR**
- (b) Define : Protocol and explain TCP/IP protocol. **07**
- Q.3** (a) What is the role of web browser? Explain various web browser. **07**
(b) Explain seven layers of OSI model. **07**
- OR**
- Q.3** (a) Explain different media(Wire/Wireless) used to establish network. **07**
(b) Explain: NIC , RJ-45 , CAT5 **07**
- Q.4** (a) Explain : E-mail Servers and FTP Servers **07**
(b) Explain Client-Server model. **07**
- OR**
- Q.4** (a) Explain : Web Servers and Proxy Servers **07**
(b) Explain different types of Components and Connection required to establish internet surfing. **07**
- Q.5** (a) Explain :- DNS and HTTP **07**
(b) Write HTML to display Library Book information in table format. **07**
- OR**
- Q.5** (a) Explain Use of CSS and DHTML in Website Design. **07**
(b) Write HTML to Display Menu Items and also provide facility for multiple item selection **07**
