Seat No.: _____ Enrolment No._____

# GUJARAT TECHNOLOGICAL UNIVERSITY

**ME – SEMESTER II (NEW) – • EXAMINATION – SUMMER 2016**

**Subject Code: 2720214** **Date: 02/06/2016**

**Subject Name: Internet Technology**

**Time:10:30 am to 01:00 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 the following terms : **07**
1) Internet 2) WWW 3) Modem 4) Router 5) Firewall 6) Bookmark 7) Switch

**(b)** Explain Client-Server model with necessary diagram with detail. **07**

**Q.2** **(a)** What is browser? Explain it with their functions. **07**

**(b)** Explain how Internet standards are formed, and also explain the Internet administration. **07**

**OR**

**(b)** Define Following protocol : **07**
1) HTTP 2) FTP 3) NNT 4) ARP 5) TCP 6) UDP 7) DNS

**Q.3** **(a)** Write a program to demonstrate the use of GET, POST, developing a Feedback form with the use of and HTML tags. **07**

**(b)** Write HTML/CSS code to create table with 5 rows and 3 columns. Even no. of rows display in green color and odd no. of rows display in white color. **07**

**OR**

**Q.3** **(a)** Create the below given table. **07**

| Work contact point | | | |
|---|---|---|---|
| **Name** | **Email** | **Phone** | **Floor / Block** |
| abc | abc@gmail.com | 12345 | 1A |
| def | def@gmail.com | 23488 | |
| hij | hij@gmail.com | 47568 | 3C |
| pqr | pqr@gmail.com | 56749 | |
| xyz | xyz@gmail.com | 98475 | |

**(b)** Create a CSS style sheet and use it to display the document. The information must include USN, Name, and Name of the College, Branch, Year of Joining, and e-mail id. Make up sample data for 3 students. **07**

**Q.4** **(a)** What is the difference between web server and Directory server? **07**

**(b)** Write JavaScript to perform to check whether given number is palindrome or not. [Hint : Number is like 16461] **07**

**OR**

**Q.4** **(a)** What is FTP? And differentiate active FTP from Passive FTP? **07**

**(b)** Write JavaScript to perform find all primes which are lies between a given range. **07**

**Q.5** **(a)** What is proxy server? Where and how do we use proxy server. **07**

**(b)** What is blog? Explain Step to create your blog. **07**

**OR**

**Q.5** **(a)** Explain : E-mail Servers and Mirror Servers **07**

**(b)** What is RSS? How to use RSS in the Communication Revolution. **07**

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