

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – III • EXAMINATION – WINTER • 2013****Subject code: 730102****Date: 28-11-2013****Subject Name: Advance Web Technology****Time: 10.30 am – 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 XML and its significance with suitable Example. **07**
(b) What is Web Service? Explain Web Service with Example. **07**
- Q.2** (a) Explain TCP/IP Model in detail. **07**
(b) What is Internet? Explain architecture of it. **07**
- OR**
- (b) Explain Internet Protocols, Web crawlers and Plug-in Modules. **07**
- Q.3** (a) What is Search Engine? How it works Explain with Example. **07**
(b) Explain Centralized System, Client – Server System and Distributed System. **07**
- OR**
- Q.3** (a) What do you mean by Dynamic Pages? Explain it with Example. **07**
(b) Explain Inter Query and Intra Query Parallelism in detail. **07**
- Q.4** (a) What is the significance of Transaction in internet Application? Explain it with Example. **07**
(b) Explain Payment Protocols and its Standards in detail. **07**
- OR**
- Q.4** (a) What is Proxy Server? Explain Advantages and Architecture of Proxy Server in detail. **07**
(b) Explain Web Server? How it works explain in detail. **07**
- Q.5** (a) Explain Digital Signature, Digital Certificates and Firewall in brief. **07**
(b) Explain B2B System in detail. **07**
- OR**
- Q.5** (a) Explain Reliability, Availability, Performance and Scalability of Enterprise Applications. **07**
(b) What is E-Commerce? How it can be helpful to the consumer explain in detail. **07**
