

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 1410**

Roll No.

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## MCA

THIRD SEMESTER EXAMINATION, 2004-2005

### WEB TECHNOLOGY

Time : 3 Hours

Total Marks : 100

- Note :** (i) Attempt *ALL* questions.  
(ii) All questions carry equal marks.  
(iii) Use examples wherever necessary.

1. Answer *any two* of the following :- (10x2=20)
- Give atleast six reasons for using multimedia on a web site.
  - Define and illustrate consistency in terms of multimedia design.
  - Discuss the most basic elements of good site design, including navigation considerations.
2. Answer *any two* of the following :- (10x2=20)
- Explain go-back n continuous RQ error control technique.
  - Explain the leaky bucket congestion control technique.
  - Differentiate between flow control and congestion control.

3. Answer *any two* of the following :- (10x2=20)
- (a) What makes a site a dynamic site ? Which languages are used in developing dynamic sites.
  - (b) What strategies are used in protecting the server of a dynamic site ? Explain.
  - (c) What is Net Dynamics ? Illustrate some of the tools for Enterprise web development.
4. Answer *any two* of the following :- (10x2=20)
- (a) Describe the security and performance of e commerce site. What is a secure transaction ?
  - (b) What are the important issues to be considered in designing a database that is to be accessed through a web page.
  - (c) Define Inventory Management in details.
5. Answer *any two* of the following :- (10x2=20)
- (a) Give the steps of planning site navigation. Give a site plan for a students registration site in a school.
  - (b) What is communication breakdown ? How do we recover from it.
  - (c) What is technical and production planning of a web site. Also illustrate the communication issues.

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