

Register No:.....
Name :.....

M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization: Network Engineering

Model Question Paper - I

First Semester

MITNE 105-4

MULTIMEDIA AND RICH INTERNET APPLICATIONS

(Regular – 2013 Admissions)

Time : Three Hours

Maximum : 100 marks

Answer all questions.

1. a. Mention the advantages and disadvantages of multimedia (8 marks)
- b. Discuss any three video compression techniques. (9 marks)
- c. Write short note on run-length coding. (8 marks)

OR

2. a. Explain coding techniques used in multimedia. (15 marks)
- b. Give a detailed note on H.261 compression. (10 marks)
3. Discuss some multimedia application on World Wide Web. (25 marks)

OR

4. a. Give a short note on multi talk and multi cast file transfer. (10 marks)
- b. Explain real time application with resource reservation. (15 marks)
5. a. Write short note on i) Social Networking ii) Tagging iii) Mashups Applications (15 marks)
- b. Define the term Software as a Services (SaaS). Explain the characteristics and benefits of SaaS. (10 marks)

OR

6. Explain JSON. How do you convert a string to a JSON object? Consider the following information about a student (The information include Register No, Name, branch, College and year of joining i) Create an object literal ii)Write a JSON code for the above information. (25 marks)

7. a. Differentiate between traditional web applications and Ajax applications. (15 marks)

b. Explain the factors that influence the flash player. (10 marks)

OR

8. a. Differentiate between a flash player and a flex framework. (15 marks)

b. Explain the flex application life cycle. (10 marks)