LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A.,B.Sc. DEGREE EXAMINATION – **HISTORY, ECO., & MATHS**

THIRD SEMESTER – **NOVEMBER 2013**

CS 3206/CA 3206 - MULTIMEDIA TECHNOLOGIES

Date : 13/11/2013   Dept. No.   Max. : 100 Marks
Time : 9:00 - 12:00

PART-A

ANSWER ALL   10*2=20

1. Define Multimedia.

2. Draw the architecture of the multimedia presentation system.

3. What is the difference between Additive and Subtractive color mixing?

4. Draw the Block diagram of a 3 sensor RGB color video camera.

5. What Hardware and software does it take?

6. What is Data Compression?

7. What is the key difference between I-Frames, P-frames and B-frames?

8. List the application of Continuous Media Application.

9. Give any 3 examples of Scripting Language.

10. Draw the Hytime Module Interdependencies.

PART-B

ANSWER ALL   5*8=40

11. a) Write a short note on framework for multimedia system.
               (or)
     b) Explain the purpose of the Role of standard.

12. a) Explain why there are a number of different color videos.
               (or)
     b) Draw and explain the color fundamentals.

13. a) Discuss the Redundancy and visibility.
               (or)
     b) Write a note on Simple Compression Techniques.

14. a) Discuss the operating system support for continuous media application
               (or)
     b) List down the summary of multimedia system service function.

15. a) Describe the content based retrieval of unstructured data.
               (or)
     b) Discuss the case for multimedia information system.

ANSWER ANY TWO   **2*20=40**

16. a) Enlist and explain the Tour of emerging application.

    b) Give detailed description of Digital Audio Signal Processing.

17. a) Explain in detail the Time and multimedia requirements.

    b) Briefly outline the New OS support.

18. a) Discuss in detail the Current State of the industry.

    b) Briefly explain the Data Models for Multimedia and Hypermedia Information.

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