**Question Bank**

**Class: T.Y. B.C.A. Semester VI**

**Subject Name -: Multimedia Systems**

**1. Introduction to Multimedia**

Q1. What is multimedia? Explain the applications of multimedia in business.

Q2. Explain the five elements of Multimedia Systems

Q3. What is Hypertext and Hypermedia?

**2. Multimedia Application Development**

Q1 Write a short note on

i. Target Audience

ii. Objectives

iii. Story

iv. Flow line

v. Script

Q2 What is Storyboard? Explain the application of Storyboard.

Q3 Explain the general guidelines for

i. Visual Elements

ii. Animation

iii. Text

iv. Guidelines for Audio

**3. Digital Representation**

Q1. Write a short note on Analog Representation and Digital Representation.

Q2. Explain the analog to digital conversion process in detail.

Q3. Explain the digital to analog conversion process in detail.

**4. Storage Technology**

Q1. Explain magnetic media and optical media in detail.

Q2. Write a short note on

i. Hard Disk

ii. RAID

Q3. Discuss CD Storage and CD standards in detail.

Q4. Write a short note on DVD

**5. Audio**

Q1. What is digital video? Explain the use of digital video in developing multimedia applications.

Q2. What is Sound? Explain the characteristics of Sound.

Q3. What is Synthesizers? Explain the types of Synthesizers and characteristics of Synthesizers

Q4. Write a short note on

i. Components of MIDI

ii. MIDI Messages

iii. Channel and System Messages

Q5. What is Sound Card? Explain the basic components of sound card.

**6. Video**

Q1. Explain the three Video Signal Formats.

Q2. Write a short note on

i. NTSC

ii. PAL

iii. SECAM

Q3. Write a short note on EDTV and HDTV

**7. Graphics File Format**

Q1. Explain how image is store in digital format.

Q2. Write a short note on

i. 8-bit color image

ii. 24-bit color image

iii. GIF

iv. TIFF

v. JPEG

Q3. What is the difference between System Dependent Formats and System Independent Formats?

Q4. Write a short note on

i. Microsoft Windows : BMP

ii. Macintosh : PAINT and PICT

iii. 7.3.3 X-Windows : XBM