Multimedia Suggestion

Note: There can be a number of repeated questions. Actually the suggestion aimed to guide the question types. Please read the questions and questions topics specifically.

1. (a) Define multimedia. Write down the advantages and disadvantages of multimedia.
   (c) Describe the different type of image compression technique.
   (d) Write down the advantages of optical storage media.

2. (a) What is MDBMS? Describe the characteristics MDBMS.
   (b) Write down the difference between MIDI and digital audio.
   (c) What is ATM? Explain the characteristics of ATM.
   (d) Describe step-by-step process for real time video coding.

3. (a) What is multimedia? What are the differences between multimedia and hypermedia?
   (b) Explain different types of image with example.
   (c) Why image compression is necessary? Differentiate between lossless and lossy compression technique.
   (d) Write down the Huffman Coding algorithm used in lossless compression.

4. (a) Mention some popular audio file formats for different platforms with example.
   (b) What is MIDI and DV'? Write down the specifications of MPC Level 2.

5. (a) What do you mean by video capturing? Nov do you differentiate between video grabbing and video capturing?
   (b) What is HDTV? How does it differ from other broadcast video standard'?
   (c) Describe MPEG-1 features and standards.

6. (a) What is MIDI? Give a short description on MIDI.
   (b) Mention some popular audio file formats for different computer platforms with description.
   (c) What do you mean by HDTV? How does it differ from other broadcast video standard?
   (d) Describe MFEG-2 features and its standards.

7. (a) Define multimedia List out benefits of multimedia.
   (b) Compare between interactive and non-interactive multimedia and temporal and non-temporal multimedia.
   (c) Write the specification of MPC-1 and MFC-2.
   (d) Describe the procedure of JPEG image compression techniques.

8. (a) What is multimedia? Differentiate between hypertext and hypermedia.
   (b) Describe differing types of images with example.
   (c) Why image compression is necessary? Describe lossless and lossy compression technique.
   (d) Describe NiPEG.2 features.

9. Write Short notes (any four)
   (a) MIDI;
   (b) CD-DA;
   (c) Animation;

10. (a) How multimedia system makes our life easy and comfortable? Give example.
    (b) Compare between interactive and non-interactive multimedia and temporal and non-temporal media.
    (c) Write down the factors that determine the quality of digital audio. Describe the specification of CD-DA quality audio.
    (d) Describe the procedure of JPEG image compression techniques.

(e) Describe some common image file formats and their applications.

11. (a) Define multimedia and hypermedia. Write about the benefits of multimedia.
    (b) Write the different types of DBMS that support multimedia systems.
    (c) Explain the various application of multimedia in image processing.
    (d) What is the use of Audio-Video Interleave (AVI) and Digital Video Interface (DVI)?

12. (a) What is configuration of MPC level 1 and MPC level 2 standards?
    (b) What is MIDI and. DVI? List out the components of MIDI interface.
    (c) What are the design issues for multimedia authoring?
    (d) What is the need of compression? Compare various types of compression and. decompression algorithm.

13. (a) What is multimedia? Discuss classification of multimedia.
    (b) What is digital audio? What are the advantages of digital audio over analog audio?