MultiMedia System Defene Mutternedon System . Explain different types of medra used in multimoden. 2) Explain Main properties of Multimedia 3) Explain the implementation areas of multimedia. Describe the global tractors of multimodin systems.

5) Explain different types of MIDI messages.

6) List out names and function of MIDI Software.

7) Explain various steps involved in sound generation and recognition. 8) State the Nyguist Sampling theorem for lossless digitadian

8) State the Nyguist Sampling theorem for lossless of Stirea

Calculate the file arze (m MB) for 20 8e words of Stirea

music Sampled at CD-quality sampling hale having bot

depth of 16 bits.

Explain the farm speech Explain the components of

Speech recognition and understanding

speech recognition and understanding

that we the application oreas of shage processing?

In What we the application oreas of shage processing? 17). With necessary dragrams explain whom the sound is digestred and the sound is tored in a multimedra system. 12) What is speech analysis? What are the areas of research in speech analysis? research in speech analysis? the different types of image is what is an image? List the different types of image. formats with brief description. 4) How long will st take to transmit a minute long video of spatial resolution 1624×786, 24 bits, per prixed & 30 frames per second through a communication link at a Constant rate of 56 Kbps; steps with switch edrogram.

15) Explain image of cognition with switch switched edrogram. 16) Explain the promuples of Animatron. How is source coding different from entropy encoding?

How is source coding different from entropy encoding?

Describe about TPtG compression (how it is alhieved with the gran)

Describe about TPtG compression (how it is alhieved with the gran)

Explain the basic steps of anim afron? Describe the SUV model for video transmission.

achieved in lossy wor mode in How is progresseveness IPEG! Explain the different image frames in MPEG.
20) What are the approaches that are used to transmit animation over computer retwork? Describe the graphral projuge with example. Brefly explain the spatial filtering technique for image Describe the various methods for controlling animations. 23) List out the important measures for visual representation and explain each of the measures in brief 24) What do you understand by term data compression? Write 8ts advantage over m ferms of multimedra computing. Differ - entrate between lossless & lossy compression technolie. What are before mages? Explain the adventages and disadv antages of betthap over vector images.

why do we need Huffman Coding? Explain it with switche 27). What is Huffman Coding! Encode the Huffman code for the Symbol P. a, R. S.T U, vwith probabilities 0.4, 0.25, 0.13, 0.16, 25) Explain the technique used by Huffman Coding. Conspuct the Huffman coding for the following gray latel & calculate the average langth. Gray level 0 1 2 3 4 5 6 No. of prixels 30 35 38 20 15 10 38 80 Explain OCT based JPEG image compression technique. What are the difference between CD-ROM(XA) forms and CD - ROM (XA) form -2. Illustrates above with a blockdragion List out the advantages & limitation of optical disks. Explain Explain the working principle of compact Disk - Magneto Optical (CD-MO) data storage mechanism in optical distr plain Mode 1 and Mode 2 CO-ROM structure with block. capacity & data rate.

Describe in brief about different layers in co with suitable dragram. Also describe the audio data rate used in CD. 35) Mention the evolution of optical storage medra in chronelog -9 cal order? Discuss about CIRC m short. 36) Explain the withmetic encoding and decoding technique with swifable example. 37) Defene seal time system. Explain the characteristic. of real time OS. 30) With switable examples explain the EDF and RMA 35) Explain various maltimedia workstation? Explain hybrid 40) What do you mean by Multimedia OS? Explain the dasign principles of QOS.

41) Define Hypermedia Differentiate between ODA and SGML and SGML 42. What is the selationship between hypertext, hypermedon 4 43) What are the different types of communication architecture used is multimedra enterns? Describe them.

44). How can he present multimedia mobornation on hon-Imear:

Ashron? Explain & MHE4 with structure and class herone

hy. 45. What is the sesource is forms of multimedia? What are
the phases of the resource reservation of management process?

Explain defenent ways of severing the resources.

Explain the application subsystem of multimedia communication

system. 47) Differentiate between ONA and MHEG with suitable block (8) Explain Open document Architecture (0 DA). n). Discuss the communication support model for group communication -ton architecture.

-ton architecture ests architecture with fuitable dragrem

50) Explain Document Exts architecture Communication System? Explain

50) What be architectural subsystem of multimedra Communication

50) What be architectural subsystem of layered model in Multimedia Communication

615 fem.

What are the different types of communication archefecture and multimedma systems? Describe them. Mhot is multimedia thypermedia Information Coding Expert Group Techniques? Explain on ferent types of class of effect by MH+4. hunte short notes on. Animation Languages Run Leigth coding Multimedia Workstation SAML Image Enhancement Qos parameters, 9) Methods of controlling Animation Dynamic in Graphics. Color Encoding Computer Video format K) Data speam characteristic for continuous mediem. Lorsless & Lorsy compression Renterme & chedding system models. Home older questions will be discursed and grun as your Assignments. All these questions will be tried to be solved in the class and as well as we will cover the course too // REMEMBER YOU HAVE TO GO ONCE THROUGH PRESCRIBED SPLLABUS AND GAIN IDEA ABOUT THE COURSE." Also be Ready with one Proteky Question!.
Than King You best of Lest o