

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Program: BE Information Technology

Curriculum Scheme: Rev2016

Examination: Third Year Semester VI

Course Code: ITDLO6024 and Course Name: Multimedia Systems

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	What is the problem with traditional LAN in multimedia system?
Option A:	Bandwidth is limited
Option B:	Error rate is low
Option C:	Good SNR ratio
Option D:	Bandwidth is high
Q2.	The digitized form of sound is called
Option A:	Text
Option B:	Audio
Option C:	Video
Option D:	Document
Q3.	Which of the following is not an input device?
Option A:	Mouse
Option B:	Electronic pen
Option C:	Scanner
Option D:	Printer
Q4.	Which of the following is not an output device?
Option A:	Digital Camera
Option B:	Display monitor
Option C:	Plotter
Option D:	Printer
Q5.	A Huffman encoder takes a set of characters with fixed length and produces a set of characters of _____
Option A:	constant length
Option B:	variable length
Option C:	fixed length
Option D:	random length
Q6.	The higher the bit rate, the less compression, which results in overall _____ of audio file.
Option A:	less quality
Option B:	zero quality
Option C:	Poor quality
Option D:	higher quality
Q7.	_____ a digital compression of video data that compresses the size of the video file by compressing the image data of each frame

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Option A:	Temporal compression
Option B:	redundant compression
Option C:	Spatial compression
Option D:	visual compression
Q8.	In JPEG compression, -----is used to reduce the total number of bits in the compressed image
Option A:	run-length encoding
Option B:	Quantization
Option C:	Entropy coding
Option D:	Zig-zag ordering
Q9.	AVI stands for
Option A:	Audio video interleave
Option B:	Audio video interface
Option C:	Audio video information
Option D:	Audio video input
Q10.	In Gray scale colour mode, we get number of different colour.
Option A:	2 ²⁴
Option B:	2 ⁸
Option C:	2 ¹⁶
Option D:	2 ²
Q11.	What is lossless compression?
Option A:	No information is lost but file size is increased
Option B:	Files which have the exact same data after compression
Option C:	There is no loss in information at all after compression
Option D:	Compression that involves an algorithm
Q12.	A simulated three dimensional environment is called
Option A:	Graphic design
Option B:	Virtual system
Option C:	Virtual reality
Option D:	Animation
Q13.	Which of the following multimedia element is static element?
Option A:	Video
Option B:	Audio
Option C:	Graphic
Option D:	Animation
Q14.	Which of the following multimedia is dynamic media?
Option A:	Text
Option B:	Graphic
Option C:	Image
Option D:	Video

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Q15.	-----is an artificial environment created with computer hardware and software and presented to the user in such a way that it appears.
Option A:	Digital video
Option B:	Virtual reality
Option C:	Digital audio
Option D:	Graphic system
Q16.	-----are not able to allow the authors to express automatic function for handling certain routine tasks
Option A:	Structured authoring tools
Option B:	Programmable authoring systems
Option C:	Timeline based authoring systems
Option D:	Multi-source multi-user authoring systems
Q17.	-----defines the structure of video file in terms of the layout of sound and video components.
Option A:	Programmed degradation
Option B:	Scene change frame detection
Option C:	Frame interleaving
Option D:	Histogram generation
Q18.	----- allows the user to see more detail for a specific area of the image.
Option A:	Zooming
Option B:	Scaling
Option C:	Rubber banding
Option D:	Panning
Q19.	-----is useful for finding detail that is not visible in the full image if the image window is unable to display the full image at the selected resolution for display.
Option A:	Rubber banding
Option B:	Panning
Option C:	Scaling
Option D:	Zooming
Q20.	Which one of the following is not included in multi-server network topology?
Option A:	Traditional LANs (Ethernet and token ring)
Option B:	High speed LANs (ATM, FDDI II)
Option C:	WANs
Option D:	Mesh
Q21.	Which one of the following is not the characteristic of audio and full motion video?
Option A:	Large capacity of file
Option B:	Relational database system
Option C:	Playing back video with constant speed
Option D:	Temporary or permanent storage
Q22.	Which one of the following is not the characteristic of image and still video?

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Option A:	Compressed information
Option B:	Multi-image document
Option C:	Large volumes
Option D:	Uncompressed information
Q23.	Which one of the following attribute is not considered in designing Human Computer Interaction?
Option A:	Learnability
Option B:	Efficiency
Option C:	Memorability
Option D:	Flexibility
Q24.	Which phase begins using multimedia authorizing tools once the design features are defined?
Option A:	Planning
Option B:	Implementation
Option C:	Maintenance
Option D:	Evaluation
Q25.	Collecting the information about users needs and analyzing requirements in designing user interface comes under
Option A:	Evaluation stage
Option B:	Implementation stage
Option C:	Design stage
Option D:	Maintenance stage

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	A
Q2.	B
Q3.	D
Q4	A
Q5	B
Q6	D
Q7	C
Q8.	B
Q9.	A
Q10.	B
Q11.	C
Q12.	B
Q13.	C
Q14.	D
Q15.	B
Q16.	A
Q17.	C
Q18.	A
Q19.	B
Q20.	D
Q21.	B
Q22.	A
Q23.	D
Q24.	B
Q25.	C