**Subject Code: 17MCA3CE1A**

**JAMAL MOHAMED COLLEGE (Autonomous)**

**TIRUCHIRAPPALLI – 620 020**

**Objective Type Questions**

**Department of Computer Science**

**Semester: III UG / PG: PG-MCA**

**Title of the Paper: CBE – I – MULTIMEDIA SYSTEMS AND DESIGN**

**UNIT- I**

1) Which is any combination of text, graphics art, sound, animation and video delivered to computer.

a) Hypermedia b) Interactive media

c) MIcromedia d) Multi media

2) Which is a very effective presentation and sales tools.

a) Morphing b) Authoring

c) Multimedia d) MPEG

3) Which is made up of many thousands of geometric objects plotted in 3D Space.

a) Realistic b) Cyberspace

c) Object space d) Image space

4) Who is responsible for overall development and implementation of project as well as

day- to – day operations.

a) Project Manager b) Project Leader

c) Project Co-Ordinator d) System Manager

5) Which is a family of graphic characters that usually includes many sizes and styles.

a) Font b) Point

c) Node d) Typeface

6) Which is the spacing before character pairs.

a) Dithering b) Tracking

c) Kerning d) Leading

7) Placing an uppercase letter in the middle of world called an\_\_\_\_\_\_\_\_\_.

a) Outer cap b) Inter cap

c) Semi inter cap d) Spacing cap

8) The taller than wide orientation used for printed documents called\_\_\_\_\_\_.

a) Portrait b) Landscape

c) Inter cap d) Outer cap

9) Symbols such as familiar trash can and hour class are more properly called\_\_\_\_\_\_\_\_\_\_\_.

a) Font cap b) Butters

c) Control d) Icons

10) Which one is the space between the lines.

a) Font cap b) Tracking

c) Leading d) Rendering

11) The reference from one document to another document, images, sound, tile on the web is\_\_\_\_\_.

a) Node b) Anchor

c) Sweet Spot d) Button

12) Which fonts are for more legible attractive when used in small size of a text field.

a) Sans serif b) Italic

c) Bold d) Roman

13) Which are Corrections between the Conceptual elements.

a) Gateway b) Bridge

c) Bus d) Links

14) Which is visit millions of webpages and index entire websites.

a) Software b) Software Hypo

c) Software Robot d) Software Rider

15) Which is allows the creation of multiple font designs from two existing type faces.

a) Font Scanner b) Fontographer

c) Font d) Font Discover

16) Which allows for to fine – tune anti – aliasing settings for text fields.

a) Adobe flash b) Font Lab

c) Photoshop d) Macromedia

17) Anti–aliasing blends the colors along the edges the letters called \_\_\_\_\_\_\_\_\_.

a) Tracking b) Condensed

c) Expanded d) Dithering

18) Which is dedicated to producing vector based line are easily printed to paper at high resolution.

a) Photoshops b) Firewire

c) Canvas d) Painters

19) Which one can connect multiple computers and peripheral devices.

a) WiFi b) Firewire

c) SCSI d) Ethernet

20) Which Software turns bitmapped characters in to electronically recognizable ASCII text.

a) OCR b) PNG

c) VCR d) CS4

**UNIT – II**

21) Which is determines the accuracy with a sound can be digitized.

a) MIDI b) Synthesizer

c) Notation Software d) Audio Resolution

22) Which file is a list of time – stamped commands that are recordings of musical actions.

a) Audio b) Wave

c) MIDI d) MPEG

23) The series of frames in between key frames are drawn in a process called \_\_\_\_\_\_\_\_\_.

a) Animation b) Tweening

c) Drawing d) Streaming

24) Which is a popular effect in one images transforms in to another.

a) Morphing b) Inks

c) Path Animation d) Cel Animation

25) Which is the study of movement and motion of structures that have joints.

a) Key frames b) Inverse Kinematics

c) Color Cycling d) Kinematics

26) The most widely used tool for creating multimedia animations for web.

a) Activa Interstudio b) Adobe’s GoLive

c) Adobe’s Flash d) Coreldraw

27) Which has a resolution measured in the number of horizontal scan lines.

a) Digital Elevision b) Analog Video

c) Anemorphic Wide screen d) Tracking

28) Many digital camcorders will allow you, to choose \_\_\_\_\_ ratios for your recording.

a) 4:3 b)3:4

c) 3:1 d) 1:3

29) Which signals consist of a discrete colour and brightness value for each pixel.

a) Audio b) Digital Visual

c) Digital Television d) Digital Video

30) \_\_\_\_\_\_\_\_\_\_ between standards still requires high end, specialised equipment.

a) Streaming b) Flattening

c) Dubbing d) Diagnosing

31) Which is allows the viewing of Cinimascope and panovision movies.

a) Packaging b) Aspect Ratio

c) Over scan d) Dubbing

32) \_\_\_\_\_\_\_\_\_\_\_ can produce an unwanted background hissing noise.

a) Quantization b) Clipping

c) Sampling d) Depth cuing

33) Which one is a recording sounds terrible.

a) Digital b) Audio

c) Restored d) Distorted

34) Which is provides a protocol for passing defined descriptions of a musical score such as notes.

a) MPEG b) MP3

c) MIDI d) General MIDI

35) Which is provides powerful tools for integrating and streaming sounds including the mp3 format.

a) Adobe’s GoLive b) Adobe’s Flash

c) Activa’s Inter Studio d) Microsoft’s kinematics

36) Which is the fine adjustment of the tape during playback so that tracks are properly

Aligned as the tape moves across the playback head.

a) Tracking b) Turning c) Swapping d) Tweening

37. Which has a resolution measured in the number of horizontal scan lines .

a) Digital Video b) Interlaced c) Digitizing Audio d) Analog video

38. Many digital camcorders will allow to choose \_\_\_\_\_\_\_\_\_\_\_\_\_ aspect ratio for recording.

a) 2:3 or 14:9 b) 6:3 or 12:9 c) 4:3 or 16:9 d) 8:4 or 18:9

39. As in photography good lighting techniques separate amateurs from professional in\_\_\_\_\_\_\_\_\_\_.

a) Digital video b) Video shoots c) Audio shoots d) Audio and video shoots.

40. Which is a popular techniques for making multimedia title.

a) Blue screen b) Red screen c) Gray screen d) Block screen

**UNIT III**

41. The varying electrical signal form the sensor then represents the image as a sense of

values spread out in time is called\_\_\_\_\_\_\_\_

a) Video Signal b) Audios c) Analog d) image

42. An important parameter of scanning is the\_\_\_\_\_\_.

a) solvency ratio b) image ratio c) visual ratio d) aspect ratio

43. An election beam scans out the signal in\_\_\_\_\_\_.

a) Solid-State b) Vacuum-tube c) Video Monitor d) PAL

44. \_\_\_\_\_\_is an motion artifact that shows jagged edges on moving vertical objects.

a) Gear toothing b) Flicker c) Aliasing d) Starvation

45. In Japan, Broadcast television system was \_\_\_\_ Lines per frame.

a) 525 b) 575 c) 625 d) 675

46. An equal mixture of subtractive primaries produce\_\_\_\_\_.

a) Black b) White c) Blue d) Yellow

47. \_\_\_\_\_\_ is a monochrome video signal that controls only the brightness of the image.

a) Saturation b) Chrominance c) Luminance d) interleaving

48. NTSC stands for\_\_\_

a) Neural Transits System Committee b) National Transits System Committee

c) National Television System Committee d) Neural TV System Committee

49. \_\_\_\_\_ will give higher resolution of the pickup system.

a) Small spot b) Rectangular spot c) Round Spot d) Square Spot

50. \_\_\_\_\_ refers to the intensity of color is an describe how deep that color is in a image.

a) Saturation b) Hue c) frequency interleaving d) luminance

51. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block of repeated pixels are replaced with a single value and count of

how many times to repeat that value.

a. run-length coding b. colour lookup table

c. truncation d. YUV system

52. Reducing data arbitrary lowering of the bits per pixel, this technique is called\_\_\_\_\_\_\_\_\_\_

a. run-length coding b. colour lookup table

c. truncation. d. YUV system

53. Lossy compression is used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a. text and data b. speed and video

c. audio d. image

54. An image is divided into 8x8 size, each 8x8 submatrix is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_

a. part b. portion c. block d. both a & b

55. DCT stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a. Dialogue Cosine Transform b. Discrete Command Transform

c. Dialogue Command Transform d. Discrete Cosine Transform

56. The AC co-efficiencies of remaining \_\_\_\_\_\_\_\_\_\_\_\_\_\_ co-efficient in each block.

a. 62 b. 64 c. 66 d. 63

57. Huffman coding, is an example for\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a. lossy compression b. lossless compression

c. transform compression d. pixel transform

58. Transform coding, vector quantization are example for \_\_\_\_\_\_\_\_\_\_\_

a. lossy compression b. lossless compression

c. transform compression d. pixel transform.

59. \_\_\_\_\_\_\_\_\_ is normally is used data generator by scanning the document.

a. Huffman coding b. Transformation coding

c. Vector quantization d. run-length encoding

60. \_\_\_\_\_\_\_\_\_\_\_\_ pictures are special format that is only used for implementing fast search modes.

a. I b. D c. B d. P

**UNIT IV**

61. MAN access arrangements protocol such as \_\_\_\_\_\_\_\_\_\_\_\_ are available.

a. IEEE 802.3 b. IEEE 802.5 c. IEEE 802.6 d. IEEE 802.11

62. Call relay service is connection oriented cell based data service operating from \_\_\_\_\_\_\_\_

a. 45 to 150 mb/s b. 50 to 200 mb/s c. 55 to 160 mb/s d. 40 to 100 mb/s

63. Primary rate ISDN is a channelized synchronous data service with 23 times\_\_\_\_\_\_ channels.

a. 16 kb/s b. 32kb/s c. 8 kb/s d. 64 kb/s

64. Primary rate ISDN is a channelized synchronous data service with one \_\_\_\_\_\_ channels.

a. 16 kb/s b. 32kb/s c. 8 kb/s d. 64 kb/s

65. Frame relay service is a frame based data service operating up to \_\_\_\_\_\_\_\_\_\_\_

a. 2.5 mb/s b. 3.5 mb/s c. 1.5 mb/s d. 0.5 mb/s

66. \_\_\_\_\_\_\_\_\_\_\_\_ is a system for distributed video device control.

a. Etherphone b. Galatea c. VOX d. Touring Machine

67. A feature of the VOX software is the notions of \_\_\_\_\_\_\_\_\_\_\_\_

a. Telephony b. Device Composition c. Directory service d. Conversion

68. One of the feature of Galatea is its \_\_\_\_\_\_\_\_\_\_\_\_\_

a. Telephony b. Device Composition c. Directory service d. Conversion

69. \_\_\_\_\_\_\_\_ architecture is based on a set of coarser grained objects together with fine grained connector.

a. Etherphone b. Galatea c. VOX d. Touring Machine

70 \_\_\_\_\_\_\_\_\_\_\_ is a connectionless cell based variable rate data service.

a. SMDS b. CRS c. Frame Relay Service d. Telephone System

71. \_\_\_\_\_\_\_\_\_\_\_ is a wideband service.

a. SMDS b. CRS c. Continuous Bit Rate service d. Primary rate ISDN

72. ATM standard defines \_\_\_\_\_\_\_\_\_\_\_\_ layer.

a. 2 b. 3 c. 4 d. 5

73. An ATM cell has the payload filed of \_\_\_\_\_\_\_\_\_\_\_

a. 32 b. 64 c. 48 d. 128

74. In ATM, the \_\_\_\_\_\_\_\_\_\_\_\_ layer defines the transmission medium bit transmission and encoding.

a. AAL b. ATM c. Session d. Physical

75. The ATM data packet is a cell composed of \_\_\_\_\_\_\_\_\_\_\_ bytes.

a. 53 b. 52 c. 48 d. 42

76. In ATM, the \_\_\_\_\_\_\_\_\_\_\_ layer accepts transmission from upper layer service and maps them into ATM cells.

a. Physical b. a. AAL c. ATM d. Session

77. In ATM, the \_\_\_\_\_\_\_\_\_ layer provides routing and traffic management.

a. AAL b. ATM c. Session d. Physical

78. \_\_\_\_\_\_\_\_\_ is a broadband services

a. Cell Relay Service b. Primary Rate ISDN

c. Frame Relay Service d. Private line access services

79. DCCS stands for \_\_\_\_\_\_\_\_\_\_\_\_

a. Digital Common Connect Switches b. Digital Control Connect Switches

c. Digital Cross Connect Switches d, Digital Cross Connect Services

80. \_\_\_\_\_\_\_\_\_\_\_ includes message passing facilities to send information to all the parties in a session.

a. Session Control b. Media Control

c. Data passing d. Advanced Data Exchange

**UNIT – V**

81) Which layer manages the logical connecters between computers including addressing and

routing.

a) Presentation b) Data link

c) Session d) Network

82) Which is the backbone of the internet?

a) Telnet b) HTTP

c) TCP/IP d) FTS

83) Which is provides connectivity and services between the workstations.

a) Internet b) Server

c) Client c) LAN

84) Which is to uniformly assign names and address to computers that access the internet.

a) DNS b) ISO

c) WAN d) LAN

85) Which is enables remote logging and interaction with computers allowing access to their

programs and information.

a) FTP b) HTTP

c) Router d) Telnet

86) Which Software can be used to access remote sites and download data files.

a) Webpage Viewer b) Internet Explorer

c) File Transfer d) Netscape Navigator

87) Which is enables a user to locate and access a remote computer in order to upload and download.

a) TCP/IP b) File transfer

c) WWW d) DNS

88) Programming and Scripting languages that add functionality to the\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a) Browser b) File Transfer

c) Access to Server based d) Add-on Software

89) Who is responsible for overseeing and chestrating a multimedia development project.

a) Project Cordinator b) Chief Progammer

c) System Analyst d) Project Manager

90) \_\_\_\_\_\_\_\_\_\_\_\_ Schedules activities and tasks in a logical sequence.

a) Problem Solver b) Navigator

c) Workflow Manager d) Multi-tasker

91. \_\_\_\_\_\_\_\_\_\_\_ model for cost estimation is based on the amount of labor and time estimated for the project.

a. Labor-driven model b. Content model

c. Context model d. Estimate model

92. \_\_\_\_\_\_\_\_\_\_\_authoring tool is used to assemble the content.

a. Multimedia b. linear presentation

c. commercial multimedia d. HTML

93. The \_\_\_\_\_\_\_\_\_\_\_\_ prepares and reviews text content for multimedia project.  
a. Editor b. subject matter expert c. copywriter d. graphic artist

94. \_\_\_\_\_\_\_\_\_\_\_\_ is responsible for supporting end users of commercial product.

a. vendor support b. post-sales support

c. internet support d. continuity expert

95. \_\_\_\_\_\_\_\_\_\_ is the process of defining the message and describing the user interaction with content and the application

a. Kiosk b. Briefing c. storyboarding d. JIT

96. The product is evaluated just prior to final release, called \_\_\_\_\_\_\_\_\_\_\_

a. Alpha Testing b. block testing c. meta testing d. Beta testing

97. The product is evaluated relatively early in the development phase, called\_\_\_\_\_\_\_\_\_\_\_

a. Alpha Testing b. block testing c. meta testing d. Beta testing

98. \_\_\_\_\_\_\_\_\_\_ is responsible for designing how the various application screens will work.

a. Talent b. Photographer c. User Interface Designer d. Scriptwriter

99. \_\_\_\_\_\_\_ is responsible for selling the product

a. Marketer support b. Post-sales support

c. commercial support d. Continuity Expert

100. \_\_\_\_\_\_\_\_\_\_\_ is responsible for managing the budget, resource, tools and schedule.

a. Product b. Consumer c. Financier d. Producer

**Answers with Expansion**

**UNIT – I**

1.) d) Multimedia

2.) c) Multimedia

3.) b) Cyberspace

4.) a) Project manager

5.) d) Typeface

6.) c) Kerning

7.) b) Inter cap

8.) a) Portrait

9.) d) Icons

10.) c) Leading

11.) b) Anchor

12.) a) Sans serif

13.) d) Links

14.) c) Software Robots

15.) b) Fontographer

16.) a) Adobe Flask

17.) d) Dithering

18.) c) Canvas

19.) b) Firewire

20.) a) OCR

**UNIT – II**

21.) d) Audio resolution

22.) c) MIDI

23.) b) Tweening

24.) a) Morphing

25.) d) Kinematics

26.) c) Adobe;s Flash

27.) b) Analog Video

28.) a) 4:3

29.) d) Digital Video

30.) c) Dubbing

31.) b) Aspect Ratio

32.) a) Quantization

33.) d) distorted

34.) c) MIDI

35.) b) Adobe’s Flash

36.) a) Tracking

37.) d) Analog Video

38.) c) 4:3 or 16:9

39.) b) Video shoots

40.) a) Blue screen

**UNIT III**

41. ( a) Video Signal

42. (d) aspect ratio

43. (b) Vacuum-tube

44. (a) Gear toothing

45. (a) 525

46. (a) Black

47. (c) Luminance

48. (c) National Television System Committee

49. (a) Small spot

50. (b) Hue-saturation-value

51. (a) run-length coding

52. (a) run-length coding

53. (a) text and data

54. (c) block.

55. (d) Discrete Cosine Transform

56. (d) 63

57. (b) lossless compression

58. (a) lossy compression.

59. (d) run-length encoding

60. (b) D

**UNIT IV**

61. (c) IEEE 802.6

62. (a) 45 to 150 mb/s

63. (d) 64 kb/s

64. (a) 16 kb/s.

65. (c) 1.5 mb/s

66. (b) Galatea.

67. (b) Device Composition

68. (c) Directory service

69. (d) Touring Machine

70 . (a) SMDS

71. (d) Primary rate ISDN

72. (b) 3

73, (c) 48

74. (d) Physical

75. (a) 53

76. (b) AAL

77. (b) ATM

78. (a) Cell Relay Service

79. (c) Digital Cross Connect Switches

80. (d) Advanced Data Exchange

**UNIT – V**

81.) d) Network

82.) C) TCP/IP

83.) b) Server

84.) a) DNS

85.) d) Telnet

86.) c) File transfer

87.) b) File transfer

88.) a) Browser

89.) d) Project manager

90.) c) Workflow manager

91. (a) Labor-driven model

92. (a) Multimedia

93. (c) copywriter

94. (b) post-sales support

95. (c) storyboarding

96. (d) Beta testing.

97. (a) Alpha Testing.

98. (c) User Interface Designer

99. (a) Marketer support

100. (d) Producer

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