## Program: TE Computer Engineering Curriculum Scheme: Revised 2016 Examination: Third Year Semester V

Course Code: CSDLO5011

Course Name: MS

Time: 1 hour Max.	Marks: 50

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

- Which of the following is not a point-and-draw device? 1
  - a) Keypad b) Trackball c) Touch screen
  - d) Mouse
- 2 A device used for video games, flight simulators, training simulators and for controlling industrial robots.
  - a) Mouse b) Light pen c) Joystick d) Keyboard
- 3 Which of the following is a type of image scanner?
  - a) Flat-held b) Hand-led c) Flat-bed d) Compact
- 4 Which of the following is capable of recognizing a pre-specified type of mark by pencil or pen?
  - a) OMR
  - b) Winchester
  - c) Bar code reader
  - d) Image Scanner
- 5 A \_\_\_\_\_\_ is a graphic representation of a character's shape.

- a. Typeface
- b. Styles.
- c. Font
- d. Glyph
- 6 The text elements used in multimedia are:
  - a) Menus for navigation
  - b) Interactive structure
  - c) links
  - d) font
- 7 Hypermedia structures includes
  - a) Links
  - b) styles
  - c) font
  - d) button
- 8 Text file formats are
  - a) WMV
  - b) AVI
  - c) RTF
  - d) MOV

9 A continuous image is digitized at \_\_\_\_\_ points.

- a) random
- b) vertex
- c) contour
- d) sampling
- 10 Perceptible sound intensity range is
  - a) 0~120dB
  - b) 0~10dB
  - c) 0~20dB
  - d) 0~220dB
- 11 Quantization error (or quantization noise) is
  - a) The difference between the actual value of the analog signal at the sampling time and the nearest quantization interval value
  - b) The difference between the actual value of the digital signal at the sampling time and the nearest quantization interval value

- c) The addition between the actual value of the analog signal at the sampling time and the nearest quantization interval value
- d) The difference between the actual value of the analog signal at the sampling frequency and the nearest quantization interval value
- 12 Speech processing includes
  - a. Speech error
  - b. Speech recognition
  - c. noise
  - d. internal values
- **13** What is the full form of MPEG?
  - a) Motion Pictures Engineering Group
  - b) Motion Picture Engineers Group
  - c) Motion Picture Experts Group
  - d) Motion Picture Enhanced Group
- 14 A video consists of a sequence of
  - a) Frame
  - b) Signal
  - c) Packet
  - d) Slots

15 Which of the following file extensions would be used for a Quick Time movie?

- a) avi
- b) mpg
- c) mov
- d) sgi
- 16 Video signal formats is
  - a) Component Video

- b) Complex video
- c) Individual video
- d) T\_video

17 Major parameters for QoS

- a) Throughput
- b) Availability
- c) MTTF
- d) Efficiency

18 In transmission delay time to send bits into link

- a) L = R
- b) L + R
- c) L R
- d) L / R

19 The maximum end-to-end delay is defined in \_\_\_\_\_\_transmission mode

- a) Asynchronous
- b) Synchronous
- c) Isochronous
- d) Symmetrical
- 20 Authoring tools offer 'very high level language' (VHLL) or interpreted scripting Environment. This is one of the \_\_\_\_\_\_feature
  - a) Programming
  - b) Editing
  - c) Organizing
  - d) Interactivity
- 21 RTSP is
- a) Real Time Streaming protocol
- b) Real time standard Protocol
- c) Real Temporal Streaming protocol

- d) Real temporal standard Protocol
- 22 Digital signature is a
  - a) Digital id send as an attachment to a web page/e-mail/message
  - b) used for verifying the attachments send using system
  - c) used for detaching the attachments send using system
  - d) Digital id send as an system to a web page/e-mail/message

## **23** Digital signature needs

- a) Symmetric key system
- b) Asymmetric key system
- c) Synchronous key system
- d) Asynchronous key system
- 24 \_\_\_\_\_\_ is another data hiding technique which can be used in conjunction with cryptography for the extra-secure method of protecting data.
  - a) Cryptography
  - b) Steganography
  - c) Tomography
  - d) Chorography

25 The word \_\_\_\_\_\_ is a combination of the Greek words 'steganos' which means "covered or concealed", and 'graphein' which means "writing".

a) Cryptographyb) Tomographyc) Steganographyd) Chorography