

Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Consumer Electronics

Course Code - DECE403

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Answer all the questions. Each question carry one mark.

9. 1. UHF range is

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- 30 MHz to 300 MHz
- 300 MHz to 3000MHz
- 3000 MHz to 30000 MHz
- greater than 30000 MHz

10. 2. Which of the following microphone is used as a standard for calibration?

Mark only one oval.

- moving coil
- condenser
- ribbon
- carbon

11. 3. Audio amplifiers need

Mark only one oval.

- bass control
- treble control
- both bass control & treble control
- either bass control or treble control

12. 4. Bass-reflex type enclosures increase the strength of

Mark only one oval.

- low audio frequency
- high audio frequency
- complete audio frequency range
- reflected waves

13. 5. In a television camera tube, scanning of a picture is done

Mark only one oval.

- line by line from left to right
- line by line from right to left
- line by line from top to bottom
- line by line from bottom to top

14. 6. In a television system in India, each frame is scanned

Mark only one oval.

- 100 times
- 50 times
- 25 times
- 24 times

15. 7. In a picture tube, the video signal is applied to

Mark only one oval.

- cathode
- grid
- any anode
- either cathode or grid

16. 8. Which phenomenon is sensed by listeners in stereo-phony?

Mark only one oval.

- loudness
- timber
- pitch
- direction

17. 9. HDTV system is based on the technique of

Mark only one oval.

- TDM
- FDM
- WDM
- CDMA

18. 10. In PAL system phase of R-Y signal is changed every alternate line by

Mark only one oval.

- 90 degree
- 180 degree
- 270 degree
- 360 degree

19. 11. The sound signal in video composite signal of TV is-

Mark only one oval.

- AM
- FM
- PPM
- FSK

20. 12. In a black & white TV receiver the electron beam is deflected by-

Mark only one oval.

- electrostatic Technique
- electromagnetic technique
- combined effort elctrostatic & electromagnetic technique
- Electric field

21. 13. In a TV the voltage given to deflection coil is

Mark only one oval.

- Square pulse
- Sine wave
- saw tooth type
- trapezoidal

22. 14. Another name for the horizontal retrace in a TV receiver is the-

Mark only one oval.

- Fly back
- burst
- damper
- ringing

23. 15. The fine tuning control in black & white television receiver is-

Mark only one oval.

- A variable capacitor
- Avariable inductor
- A potentiometer
- A semiconductor

24. 16. In a black & white TV , The contrast is controlled by-

Mark only one oval.

- DC voltage
- AC voltage
- both DC & AC voltage
- DC current

25. 17. First TV station in India was established in-

Mark only one oval.

- 1956
- 1959
- 1962
- 1965

26. 18. What produces the rainbow colour on the CD-

Mark only one oval.

- Nickel coating
- Aluminium coating
- Pits & Flats
- Liquid plastic coating

27. 19. The source of laser beam in a pick up assembly is

Mark only one oval.

- Photo diode
- Tunnel diode
- Laser diode
- Varactor diode

28. 20. A CD player reads the recorder information from the-

Mark only one oval.

- centre track
- innermost track
- outermost track
- inner track

29. 21. Which of the following microphone has a bi-directional feature ?

Mark only one oval.

- Moving coil
- Carbon
- Ribbon
- Condenser

30. 22. On what principle does a loudspeaker work?

Mark only one oval.

- Motor
- Generator
- Amplifier
- Oscillator

31. 23. A rigid flat material used to extend the edges of loudspeaker cone is called

Mark only one oval.

- woofer
- tweeter
- baffle
- oscillator

32. 24. Which of the following depends on its action on the variation of capacitance between two electrodes or conducting plates-

Mark only one oval.

- Carbon Micro phones
 Condenser Micro phones
 Crystal Micro phone
 None of these

33. 25. Two plates in which the alternating force from the sound waves causes an alternating EMF to be generated is known as-

Mark only one oval.

- Cartiridges
 Bimorph Elements
 Faders
 Crystal Element

34. 26. The process by which the magnetic information recorded on the tape can be removed or wiped off before recording new information is known as-

Mark only one oval.

- recording
 erasing
 play back
 forward

35. 27. The process of storage of sound is-

Mark only one oval.

- erasing
- recording
- record/play back
- forward

36. 28. The amplifier is used for amplifying the weak micro phone signal in process-

Mark only one oval.

- play back process
- recording process
- erasing process
- rewind process

37. 29. The frequency response of a crystal microphone is-

Mark only one oval.

- 30000Hz
- 20000Hz
- 10000Hz
- 600Hz

38. 30. The frequency response of a condenser microphone is-

Mark only one oval.

- 10 Hz to 2KHz
- 30 Hz to 9KHz
- 20 Hz to 2KHz
- 40Hz to 9KHz

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