22425

Marks

1.Attempt any FIVE of the following:10a)List the different components used in CD-player.

- b) Draw the block diagram of PA system (Public address).
- c) List different types of microphones.
- d) Difference between LED and LCD (any two points).
- e) List any two wiring and safety instruction of microoven.
- f) List the types of loudspeakers.
- g) State the electric specification of washing machine.

2.

3.

- i) Contrast
- Luminance ii)
- iii) Hue
- Saturation iv)

4. Attempt any THREE of the following:

- a) Describe vertical resolution and horizontal resolution in brief.
- b) Draw the block diagram of monochrome TV receiver.
- Explain working of microwave oven with neat block diagram. c)
- Compare woofer, midrange and tweeter. (any four points.) d)
- Describe the working of pickup unit of CD player with neat e) sketch.

12

12

5.

Attempt any TWO of the following: State with suitable diagram the function of each block of a) OLED TV. b) Explain the picture processing with CCD sensor for DIGICAM. Draw the composite video signal label each section and define c) pedestal height and colour burst. Attempt any TWO of the following:

6.

- a) Draw block diagram of colour TV transmitter and label it.
- b) Draw the block diagram of photocopier and explain it's principle of working.
- Draw and explain block diagram of CD-player. State the c) advantages of CD.

Marks

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