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Information

Attempt all the questions.

Question 2

Not yet answered

Marked out of 1.00

Q.1 [BT-1,CO-1,PO1] CRT stands for:

- ☐ a. Current Radius Technology
- ☐ b. Catalog Ray Tube
- ☐ c. Cathode Ray Technology
- ☒ d. Cathode Ray Tube

[CLEAR MY CHOICE](#)

Question 3

Not yet answered

Marked out of 1.00

Q.2.[BT-1,CO-1] In CRT Control Electrode is used to:

- ☐ a. create a clear picture by focusing the electrons into a narrow beam
- ☐ b. control the direction of the electron beam
- ☒ c. turn the electron beam on and off.
- ☐ d. None of these is correct

[CLEAR MY CHOICE](#)

Question 4

Not yet answered

Marked out of 1.00

Q.3[BT-2,CO1]..... uses an electron beam which operates like a pencil to create a line image on the CRT screen.

- ☐ a. Raster Scan Display
- ☐ b. Revolution scan system
- ☐ c. Rotation scan display
- ☒ d. Random Scan System

[CLEAR MY CHOICE](#)

Question 5

Not yet answered

Marked out of 1.00

Q.4 [BT-2,CO-1,PO2] The popular approach for producing color displays with a CRT is/are:

- ☐ a. Beam Penetration Method
- ☐ b. Shadow-Mask Method
- ☒ c. Both a and b
- ☐ d. None of these

[CLEAR MY CHOICE](#)

Question 6

Not yet answered

Marked out of 1.00

Q.5[BT-2,CO-1] LED stands for:

- ☐ a. Liquid Emitting Dose
- ☐ b. Liquid Emerging Diode
- ☐ c. Led Emitting Diode
- ☒ d. Light Emitting Diode

[CLEAR MY CHOICE](#)

Question 7

Not yet answered

Marked out of 1.00

Q.6[BT-3,CO-1] Liquid crystal display is temperature dependent

Select one:

- ☒ True
- ☐ False

Question 8

Not yet answered

Marked out of 1.00

Q.7[BT-2,CO1] DVST terminals also use the raster scan approach to generate the image on the CRT screen

Select one:

- ☐ True
- ☒ False

Question 9

Not yet answered

Marked out of 2.00

Q.8[BT-4,CO-1] Line with end code 1000 and 0000 is:

- ☐ a. Visible
- ☐ b. Invisible
- ☐ c. Totally visible
- ☒ d. Partially visible

[CLEAR MY CHOICE](#)

Question 10

Not yet answered

Marked out of 2.00

Q.9[BT-2,CO-1] Line with end code 0010 and 0010 is

- ☐ a. Visible
- ☐ b. Invisible
- ☐ c. Partially visible
- ☒ d. Partially invisible

[CLEAR MY CHOICE](#)

Question 11

Not yet answered

Marked out of 2.00

Q.10.[BT-4,CO-1] What is the midpoint of line (20,30) to (80,90)?

- ☐ a. (50,90)
- ☐ b. (20,60)
- ☐ c. (100,120)
- ☒ d. (50,60)

[CLEAR MY CHOICE](#)

Question 12

Not yet answered

Marked out of 2.00

Q.11[BT-5,CO-1] Correct formula to calculate y coordinates using cohen sutherland algorithm.if Xmin is given:

- ☐ a. $y = m(X_{\min} - x_1) + y_1$
- ☐ b. $y = (1/m)(X_{\min} - y_1) + x_1$
- ☐ c. $y = m(X_{\min} - x_1) - y_1$
- ☐ d. $y = m(X_{\min} + x_1) + y_1$

Question 13

Not yet answered

Marked out of 5.00

Q.12.[BT-5,CO-1] Given(Xmin, Xmax, Ymin, Ymax) as (15,40,10,35), clip the line PQ with coordinates (10, 20) to (30, 30) using midpoint subdivision algorithm. Write all calculated midpoints and visible, invisible lines.

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Question 14

Not yet answered

Marked out of 5.00

Q.13.[BT-5,CO-1] With (Xmin,Xmax,Ymin,Ymax) given as (20,90,20,70) write region code for the endpoints and use Cohen sutherland algorithm to clip the line PQ with P(10,30) and P2(50,50)..

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