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Information

Question Paper

Question **2**

Not yet answered

Marked out of 1.00

_____ is also called as gas-discharge displays.

- ☐ a. LED
- ☒ b. Plasma panel
- ☐ c. LCD
- ☐ d. CRT

[CLEAR MY CHOICE](#)

Question **3**

Not yet answered

Marked out of 1.00

(2,4) is a point on a circle that has centre at the origin. Which of the following point(s) is/are also on the circle ?

- ☐ a. 2,-4
- ☐ b. -4,2
- ☐ c. -2,4
- ☒ d. All of above

[CLEAR MY CHOICE](#)

Question **4**

Not yet answered

Marked out of 1.00

A _____ is a system which uses one or more numbers or coordinates to uniquely determine the position of a point.

- ☒ a. co-ordinate system
- ☐ b. binary-system
- ☐ c. vector-system
- ☐ d. euclid geometry

[CLEAR MY CHOICE](#)

Question 5

Not yet answered

Marked out of 1.00

A line connecting the points (1, 1) and (5,3) is to be drawn, using the DDA algorithm. Find the value of x and y increments.

- ☐ a. x-increment = 1 ; y-increment = 1
- ☐ b. x-increment = 0.5; y-increment = 1
- ☒ c. x-increment = 1 ; y-increment = 0.5
- ☐ d. none of the above

[CLEAR MY CHOICE](#)

Question 6

Not yet answered

Marked out of 1.00

A scaling transformation changes the _____ of an object?

- ☐ a. location
- ☒ b. size
- ☐ c. shape
- ☐ d. none of these

[CLEAR MY CHOICE](#)

Question 7

Not yet answered

Marked out of 1.00

A world coordinate area selected for display is called _____.

- ☒ a. window
- ☐ b. Viewport
- ☐ c. window-to-viewport
- ☐ d. Viewing transformation

[CLEAR MY CHOICE](#)

Question 8

Not yet answered

Marked out of 1.00

An ellipse can also be rotated about its center coordinates by rotating.

- ☐ a. End points
- ☒ b. Major and minor axes
- ☐ c. Major axes
- ☐ d. None

[CLEAR MY CHOICE](#)

Question 9

Not yet answered

Marked out of 1.00

Fractals deal with curves that are?

- ☐ a. regularly irregular
- ☐ b. irregularly irregular
- ☐ c. regularly regular
- ☒ d. irregularly regular

[CLEAR MY CHOICE](#)

Question 10

Not yet answered

Marked out of 1.00

In a clipping algorithm of Cohen & Sutherland using region codes, a line is already clipped if the ?

- ☐ a. codes of the end point are same
- ☐ b. logical AND of the end point code is not 0000
- ☒ c. both (a) and (b)
- ☐ d. logical OR of the end point code is 0000

[CLEAR MY CHOICE](#)

Question **11**

Not yet answered

Marked out of 1.00

In Bresenham's algorithm error term is initialized to ?

- ☒ a. 0
- ☐ b. 1
- ☐ c. -1/2
- ☐ d. None of above

[CLEAR MY CHOICE](#)Question **12**

Not yet answered

Marked out of 1.00

In raster scan system the electron beam is swept across screen from:

- ☐ a. right to left
- ☒ b. top to bottom
- ☐ c. bottom to top
- ☐ d. side to side

[CLEAR MY CHOICE](#)Question **13**

Not yet answered

Marked out of 1.00

Polygons are translated by adding _____ to the coordinate position of each vertex and the current attribute setting.

- ☐ a. Straight line path
- ☒ b. Translation vector
- ☐ c. Differences
- ☐ d. All of the above

[CLEAR MY CHOICE](#)

Question **14**

Not yet answered

Marked out of 1.00

Positive values for the rotation angle θ defines

- ☐ a. Counterclockwise rotations about the end points
- ☐ b. Counterclockwise translation about the pivot point
- ☒ c. Counterclockwise rotations about the pivot point
- ☐ d. Negative direction

[CLEAR MY CHOICE](#)Question **15**

Not yet answered

Marked out of 1.00

The method which used either delta x or delta y, whichever is larger, is chosen as one raster unit to draw the line. The algorithm is called?

- ☒ a. DDA Line Algorithm
- ☐ b. Midpoint Line Algorithm

[CLEAR MY CHOICE](#)Question **16**

Not yet answered

Marked out of 1.00

The process of selecting and viewing the picture with different views is called _____

- ☒ a. Windowing
- ☐ b. clipping
- ☐ c. both (a) and (b)
- ☐ d. projecting

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