



Unit – 02 : Computer Graphics MCQ

1. Types of computer graphics are :

- a) Vector and raster
- b) Scalar and raster
- c) Vector and scalar
- d) None of these

Answer : (A) Vector and raster

2. Vector graphics is composed of ?

- a) Pixels
- b) Paths
- c) Palette
- d) None of these

Answer : (B) Paths

3. Raster graphics are composed of

- a) Pixels
- b) Paths
- c) Palette
- d) None of these

Answer : (A) Pixels

4. Raster images are more commonly called ?

- a) Pix map
- b) Bitmap
- c) Both A and B
- d) None of these

Answer : (B) bitmap

5. Pixel can be arranged in a regular

- a) One dimensional grid
- b) Three dimensional grid
- c) None of these
- d) Two dimensional grid

Answer : (D) Two dimensional grid





6. Each pixel has _____ basic color components

- a) Two or three
- b) One or two
- c) Three or four
- d) None of these

Answer : (C) Three or four

7. The quantity of an image depend on

- a) No. of pixel used by image
- b) No. of line used by image
- c) No. of resolution used by image
- d) None

Answer : (A) No. of pixel used by image

8. Higher the number of pixels, _____ the image quality?

- a) Bad
- b) Better
- c) Smaller
- d) None of above

Answer : (B) Better

9. Several graphics image file formats that are used by most of graphics system are

- a) GIF
- b) JPEG
- c) TIFF
- d) All of these

Answer : (D) All of these

10. The GIF format is much _____ to be downloaded or uploaded over the www

- a) Slower
- b) Faster
- c) Medium
- d) None of these

Answer : (B) Faster



11. EPS image file format is used for

- a) Vector graphics
- b) Bitmap
- c) Both A and B
- d) None of these

Answer : (C) Both A and B

12. TIFF (tagged image file format)are used for

- a) Vector graphics
- b) Both a & b
- c) Bitmap
- d) None of these

Answer : (C) Bitmap

13. EPS means

- a) Entire post script
- b) Entire post scale
- c) Encapsulated post script
- d) None of these

Answer : (C) Encapsulated post script

14. Two dimensional color model are

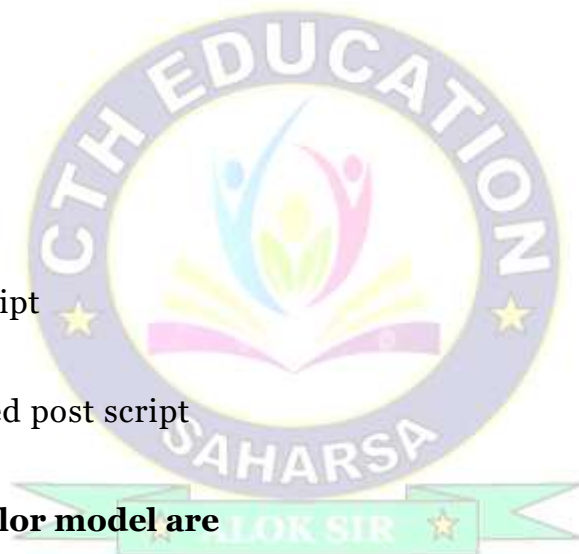
- a) RGB and CMKY
- b) RBG and CYMK
- c) RGB and CMYK
- d) None

Answer : (C) RGB and CMYK

15. RGB model are used for

- a) Computer display
- b) Printing
- c) Painting
- d) None of these

Answer : (A) Computer display





16. CMYK model are used for

- a) Computer display
- b) Printing
- c) Painting
- d) None of these

Answer : (B) Printing

17. The intersection of three primary RGB color produces

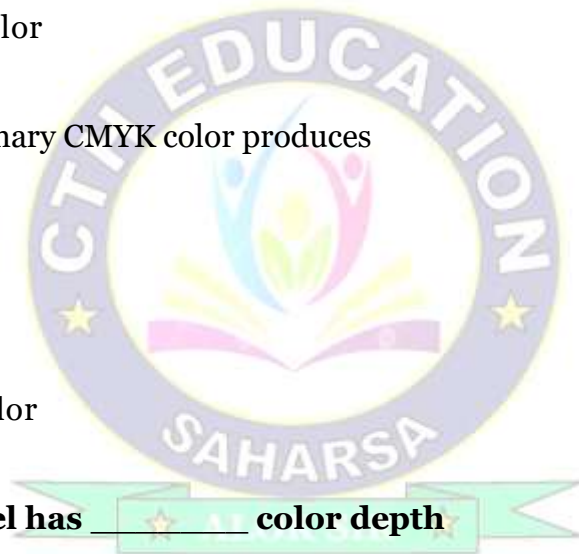
- a) White color
- b) Black color
- c) Magenta color
- d) Blue color

Answer : (A) White color

18. The intersection of primary CMYK color produces

- a) White color
- b) Cyan color
- c) Magenta color
- d) Black color

Answer : (D) Black color



19. RGB true color model has _____ color depth

- a) 24 Bit
- b) 32 Bit
- c) 64 Bit
- d) 128 Bit

Answer : (A) 24 Bit

20. CMYK true color model has _____ color depth

- a) 24 Bit
- b) 32 Bit
- c) 64 Bit
- d) 128 Bit

Answer : (B) 32 Bit



21. Grey scale images have a maximum color depth of

- a) 8 Bit
- b) 16 Bit
- c) 24 Bit
- d) 32 Bit

Answer : (A) 8 Bit

22. Any CRT based display must be refreshing at least _____ times a second

- a) 20
- b) 30
- c) 40
- d) 50

Answer : (B) 30

23. The resolution of raster scan display is

- a) Low
- b) High
- c) Medium
- d) None

Answer : (A) Low

24. Random scan systems are designed for

- a) Line drawing application
- b) Pixel drawing application
- c) Color drawing application
- d) None of these

Answer : (A) Line drawing application

25. Raster scan is _____ expensive than random scan

- a) More
- b) Less
- c) Both A and B
- d) None

Answer : (C) Both A and B





26. Two basic technique for producing color display with a CRT are

- a) Shadow mask and random scan
- b) Beam penetration method and shadow mask method
- c) Random scan and raster scan
- d) None of these

Answer : (B) Beam penetration method and shadow mask method

27. In beam penetration method of color CRT, two layer of phosphor coated are

- a) Red and blue
- b) Red and green
- c) Blue and green
- d) None of these

Answer : (B) Red and green

28. Beam penetration method is used in

- a) Random scan system
- b) Raster scan system
- c) Both A and B
- d) None of these

Answer : (A) Random scan system

29. Shadow mask method is used in

- a) Random scan system
- b) Raster scan system
- c) Both A and B
- d) None of these

Answer : (B) Raster scan system

30. Graphics data is computed by processor in form of

- a) Electrical signals
- b) Analog signals
- c) Digital signals
- d) None of these

Answer : (A) Electrical signals





31. The division of the computer screen into rows and columns that define the no. of pixels to display a picture is called

- a) Persistence
- b) Resolution
- c) Encapsulated post script
- d) None of these

Answer : (B) Resolution

32. LCD means

- a) Liquid crystal displays
- b) Liquid crystal data
- c) Liquid chrome data
- d) None of these

Answer : (A) Liquid crystal displays

33. LCD are commonly used in

- a) Calculators
- b) Portable
- c) Laptop computers
- d) All of these

Answer : (D) All of these

34. LCD is an _____ device

- a) Emissive
- b) Non emissive
- c) Expensive
- d) None of these

Answer : (A) Emissive

35. Plasma device converts

- a) Light into graphical energy
- b) Light into electrical energy
- c) Electrical energy into light
- d) All of these

Answer : (C) Electrical energy into light





36. Plasma panel are also called

- a) Liquid crystal display
- b) Gas discharge display
- c) Non emissive display
- d) None of these

Answer : (b) Gas discharge display

37. The graphics can be

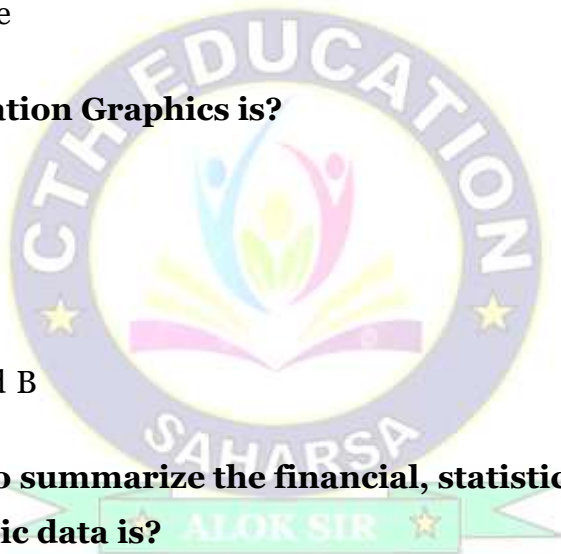
- a) Drawing
- b) Photograph, movies
- c) Simulation
- d) All of these

Answer : (D) All of these

38. Examples of Presentation Graphics is?

- a) Line Graphs
- b) Bar Charts
- c) Both A and B
- d) None of these

Answer : (C) Both A and B



39. The technique used to summarize the financial, statistical, mathematical, scientific and economic data is?

- a) Presentation Graphics
- b) Image processing
- c) Computer Art
- d) None of above

Answer : (A) Presentation Graphics

40. Computer Graphics models are now commonly used for making?

- a) Television shows
- b) Motion pictures
- c) Music Videos
- d) All of the above

Answer : (D) All of the above



41. A bitmap is _____ bit(s) per pixels

- a) 0
- b) 1
- c) 2
- d) 3

Answer : (B) 1

42. In computer terminology, CRT stands for

- a) Cathode Ray Tube
- b) Computer Remote Terminal
- c) Combat Result Table
- d) Computerized regular Thermography

Answer : (A) Cathode Ray Tube

43. LCD monitors often have a smaller refresh rate than

- a) CRT monitors
- b) Grayscale monitors
- c) Monochrome monitors
- d) Plasma displays

Answer : (A) CRT monitors

44. To minimize eyestrain, you should adjust your monitor to a degree angle of

- a) 4
- b) 5
- c) 6
- d) 7

Answer : (B) 5

45. To achieve clearer and brighter image in newer projectors, component added is

- a) Thin-film transistor
- b) Mirror
- c) Digital light
- d) CRT

Answer : (B) Mirror



46. Term which refers to the sharpness or clarity of an image, is

- a) Pitch
- b) Pixel
- c) Signal
- d) Resolution

Answer : (D) Resolution

47. Specification of a monitor which describes the usable portion of the screen is termed as

- a) Refresh rate
- b) Resolution
- c) Dot-pitch
- d) Viewable area

Answer : (A) Refresh rate

48. Refresh rate is measured in?

- a) MBPS
- b) Hertz
- c) Kilo hertz
- d) Mega hertz

Answer : (B) Hertz

49. If you move the pointer too quickly, it seems to disappear, this effect is known as

- a) Submarining
- b) Vanishing
- c) Shadow
- d) Refresh

Answer : (A) Submarining

50. Monitor use various intensities of colors to generate the rainbow, these colors are in number

- a) 7
- b) 3
- c) 4
- d) 16

Answer : (D) 16

