

DIP MCQs-1

1. Sensor strip mounted in a ring configuration is used in

a. microscopy

b. medical

c. industry

d. radar

2. 1024 x 1024 image has resolution of

a. 1048576

b. 1148576

c. 1248576

d. 1348576

3. The lens is made up of concentric layers of

a. strong cells

b. inner cells

c. fibrous cells

d. outer cells

4. Radio wave band encompasses

a. audio

b. AM

c. FM

d. Both b and c

5. $L = 23$ would have

a. 2 levels

b. 4 levels

c. 6 levels

d. 8 levels

6. The cornea is the tough transparent tissues that covers eye's

- a. eye lid
- b. lashes
- c. anterior**
- d. exterior

7. Digital images are displayed as a discrete set of

- a. values
- b. numbers
- c. frequencies
- d. intensities**

8. In $M \times N$, M is no of

- a. intensity levels
- b. colors
- c. rows**
- d. columns

9. Each element of the matrix is called

- a. dots
- b. coordinate
- c. pixels**
- d. value

10. Imaging system produces

- a. high resolution image
- b. voltage signal
- c. digitized image**

d. analog signal

11. Digitizing the coordinate values is called

a. radiance

b. illuminance

c. sampling

d. quantization

12. The smallest element of an image is called

a. pixel

b. dot

c. coordinate

d. digits

13. Types of imaging sensors are

a. two

b. three

c. four

d. five

14. $E = hv$ in this expression, h is called

a. speed of light

b. light constant

c. plank's constant

d. acceleration constant

15. The fovea itself is a circular indentation in the retina of about

a. 1.8mm

b. 1.5mm

c. 1.6mm

d. 1.7mm

16. Type of zooms are

a. 8

b. 6

c. 4

d. 2

17. DPI stands for

a. dots per image

b. dots per inches

c. dots per intensity

d. diameter per inches

18. Hard x-rays are used in

a. medicines

b. lithoscopy

c. industry

d. radar

19. No of bits to store image is denoted by the formula

a. $b = N \times K$

b. $b = M \times N$

c. $b = M \times N \times K$

d. $b = M \times K$

20. MRI in imaging stands for
- a. magnetic resonance imaging**
 - b. magnetic resistance imaging
 - c. magnetic resonance intensity
 - d. major resonance imaging