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Question 2

Answer saved

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Which of the following does not come into the category of digital image processing?

- ☐ a. mp3
- ☐ b. Thumb prints
- ☒ c. paper currency
- ☐ d. Liscence plate detection

[CLEAR MY CHOICE](#)**Question 3**

Answer saved

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Which of the following function is performed by Iris?

- ☐ a. Detect color
- ☐ b. Varies focal length
- ☒ c. Control amount of light
- ☐ d. Source of nutrition

[CLEAR MY CHOICE](#)**Question 4**

Answer saved

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Which of the following is the total amount of energy that flows from light source?

- ☒ a. Radiance
- ☐ b. Darkness
- ☐ c. Luminance
- ☐ d. Brightness

[CLEAR MY CHOICE](#)

Question **5**

Answer saved

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_____ is the first fundamental step in image processing?

- ☐ a. image enhancement
- ☐ b. image restoration
- ☒ c. image acquisition
- ☐ d. image Compression

[CLEAR MY CHOICE](#)Question **6**

Answer saved

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Which of the following is the three primary colors?

- ☒ a. Red, cyan, blue
- ☐ b. Red, green, yellow
- ☐ c. Red, white, black
- ☐ d. Red, green, blue

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Question 7

Answer saved

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The smallest discernible change in intensity level is called _____.

- ☐ a. Contour
- ☐ b. Contrast
- ☐ c. Saturation
- ☒ d. Intensity Resolution

[CLEAR MY CHOICE](#)**Question 8**

Answer saved

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Filter passes low frequencies is _____?

- ☒ a. Band pass filter
- ☐ b. None of the above
- ☐ c. Low pass filter
- ☐ d. High pass filter

[CLEAR MY CHOICE](#)**Question 9**

Answer saved

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Choose one of the following colors having maximum wavelength.

- ☐ a. Yellow color
- ☐ b. Blue color
- ☐ c. Violet color
- ☒ d. Red color

[CLEAR MY CHOICE](#)

Question **10**

Answer saved

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Black color in image processing is usually represented by the.

- ☐ a. 256
- ☐ b. 255
- ☒ c. 0
- ☐ d. 1

[CLEAR MY CHOICE](#)Question **11**

Answer saved

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Which of the following is a oldest known source of EM radiations used for imaging?

- ☒ a. Ultraviolet
- ☐ b. Visible
- ☐ c. Gamma
- ☐ d. X rays

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Question 17

Answer saved

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Radiance is measured in_____.

- ☐ a. meter
- ☐ b. hertz
- ☒ c. watts
- ☐ d. luminescence

[CLEAR MY CHOICE](#)**Question 18**

Answer saved

Marked out of 1.00

Which of the following is correct for the principle energy source for images.

- ☐ a. Electrical spectrum
- ☒ b. Electro magnetic spectrum
- ☐ c. Electro spectrum
- ☐ d. Magnetic spectrum

[CLEAR MY CHOICE](#)**Question 19**

Answer saved

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In which part of human eye, image formation is found.

- ☐ a. Rods
- ☐ b. Fovea
- ☐ c. Cones
- ☒ d. Retina

[CLEAR MY CHOICE](#)

Question **20**

Answer saved

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In digital Image Processing, brightness is related to_____.

- ☐ a. Image Segmentation
- ☐ b. Image Compression
- ☐ c. Contrast
- ☒ d. Intensity

[CLEAR MY CHOICE](#)Question **21**

Answer saved

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Early bartlane systems were capable of coding image in____.

- ☐ a. Tthree gray levels
- ☒ b. Five gray level
- ☐ c. Four gray levels
- ☐ d. Two gray levels

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Question 12

Answer saved

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Which of the following is correct for the use of visible red light?

- ☐ a. Soil moisture
- ☐ b. Water penetration
- ☐ c. Mineral mapping
- ☒ d. Vegetation discrimination

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

Answer saved

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Black and white images have only_____.

- ☐ a. 3 levels
- ☒ b. 2 levels
- ☐ c. 5 levels
- ☐ d. 4 levels

[CLEAR MY CHOICE](#)**Question 14**

Answer saved

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A continuous image is digitised at _____ points.

- ☒ a. sampling
- ☐ b. contour
- ☐ c. random
- ☐ d. vertex

[CLEAR MY CHOICE](#)

Question **15**

Answer saved

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Full form of JPEG is_____?

- ☐ a. Joint Photographic Expansion Group
- ☐ b. Joint Photographs Expansion Group
- ☐ c. Joint Photographic Expanded Group
- ☒ d. Joint Photographic Experts Group

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

Answer saved

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An image is a two dimensional function where x and y are_____.

- ☐ a. Frequency coordinates
- ☒ b. Spatial coordinates
- ☐ c. Time coordinates
- ☐ d. Real coordinates

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Question 22

Not yet answered

Marked out of 1.00

Which of the following is not the source of images?

- ☐ a. Ultrasonic
- ☐ b. Electronic
- ☐ c. Acoustic
- ☒ d. Mechatronic

[CLEAR MY CHOICE](#)**Question 23**

Not yet answered

Marked out of 1.00

Value of speed of light constant c is_____.

- ☐ a. 3.998×10^8
- ☐ b. 5.998×10^8
- ☐ c. 4.998×10^8
- ☒ d. 2.998×10^8

[CLEAR MY CHOICE](#)**Question 24**

Not yet answered

Marked out of 1.00

Maximum frequency Rays is_____.

- ☐ a. Radio Waves
- ☐ b. Microwaves
- ☐ c. UV Rays
- ☒ d. Gamma Rays

[CLEAR MY CHOICE](#)

Question **25**

Not yet answered

Marked out of 1.00

How many bit/s is/are required in color image for single pixel, if one pixel of B& W image is represented by 1 bit is represented by full-color image?

- ☒ a. 3 bits
- ☐ b. 1 bit
- ☐ c. 4 bits
- ☐ d. 2 bits

[CLEAR MY CHOICE](#)Question **26**

Not yet answered

Marked out of 1.00

In visible spectrum, following color has largest frequency?

- ☐ a. green
- ☐ b. blue
- ☐ c. red
- ☒ d. violet

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