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Digital Image Processing MCQ Quiz

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We have listed below the best **Digital Image Processing MCQ Questions**, that check your basic knowledge of Digital Image Processing. This **Digital Image Processing MCQ Test** contains 25+ Multiple Choice Questions. You have to select the right answer to check your final preparation for the Digital Image Processing Exam/Interviews. apart from this, you can also download the **Digital Image Processing MCQ PDF**, completely free from the link given below.

Q1. Which of the following is the dominant application of microwave in image processing?

- **A. radar**
- B. medicines
- C. lens enhancement
- D. medical diagnoses

Q2. Which of the following is not process of image processing?

- A. high level
- **B. last level**
- C. low level
- D. mid level

Q3. is not the source of images.

- A. acoustic
- **B. mecatronic**
- C. ultrasonic
- D. electronic

Q4. Which of the following color is having largest frequency in visible spectrum?

- **A. violet**
- B. blue
- C. green
- D. red

Q5. For which purpose Image subtraction is used?

- A. color enhancement
- B. spatial enhancement
- **C. detection**
- D. frequency enhancement

Q6. Which of the following is image processing related field?

- A. chemistry
- B. chemicals
- **C. neurobiology**
- D. medicines

Q7. Which of the following is the first fundamental step in image processing?

- A. filtration
- B. image restoration
- C. image enhancement
- **D. image acquisition**

Q8. is a colour attribute that describes a pure colour.

- A. Intensity
- **B. Hue**
- C. Brightness
- D. Intensity

Q9. What is the full form of JPEG?

- A. Joint Photographs Expansion Group
- B. Joint Photographic Expansion Group
- **C. Joint Photographic Experts Group**

- **D. Joint Photographic Expanded Group**

Q10. Which of the following rays have the maximum frequency?

- A. UV Rays
- B. Radio Waves
- **C. Gamma Rays**
- D. Microwaves

Q11. Which of the following filter passes low frequencies?

- A. High pass filter
- **B. Low pass filter**
- C. Band pass filter
- D. None of the above

Q12. The expansion of PDF is in uniform PDF?

- A. Post Derivation Function
- B. Portable Document Format
- C. Probability Density Function
- **D. Previously Derived Function**

Q13. Which of the following filter is used to find the brightest point in the image?

- **A. Max filter**
- B. Mean filter
- C. Median filter
- D. None of the above

Q14. is the independent variable of fuzzy output

- A. Membership
- **B. Maturity**
- C. Generic Element
- D. None of the above

Q15. The function of Iris is

- A. Detect color
- B. Varies focal length
- C. Source of nutrition
- **D. Control amount of light**

Q16. The color image processing is basically divided into categories.

- A. 3
- B. 4
- **C. 2**
- D. 5

Q17. Which of the following equation is used for calculating B value in terms of HSI components?

- A. $B=I(1+S)$
- **B. $B=I(1-S)$**
- C. $B=S(1-I)$
- D. $B=S(1+I)$

Q18. Which of the following color models are used for color printing?

- A. CMY
- B. CMYK
- C. RGB
- **D. Both A & B**

Q19. The spatial resolution of an image principally determine by -

- A. Contrast
- B. Quantization
- **C. Sampling**
- D. Dynamic range

Q20. Which of the following is the full form of CDF?

- A. Contour derived function
- **B. Cumulative distribution function**
- C. Contour derived function
- D. None of the above

Q21. Which of the following is the third step in digital image processing?

- A. Segmentation
- **B. Image Restoration**
- C. Image Enhancement
- D. All of the above

Q22. What is called Digitizing the coordinate values of a continuous image?

- **A. Sampling**
- B. Quantization
- C. Compression
- D. Segmentation

Q23. is the name of the tool that helps in zooming, shrinking, rotating, etc.?

- A. Filters
- B. Sampling
- **C. Interpolation**
- D. None of above

Q24. Which of the following is the principal factor, which helps in determining an image's spatial resolution?

- A. Contrast
- **B. Sampling**
- C. Quantization
- D. Dynamic range

Q25. is the smallest possible value of the gradient image.

- **A. 0**
- B. 1

- C. e
- D. -e

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