Image Processing Interview Questions And Answers Guide.

Global Guideline.

Image Processing Job Interview Preparation Guide.

Question # 1

What is Histogram Equalisation also called as?
a) Histogram Matching
b) Image Enhancement
c) Histogram linearisation
d) None of the Mentioned

Answer:-

c) Histogram linearisation
Histogram Linearisation is also known as Histogram Equalisation.

Read More Answers.

Question # 2

To reduce computation if one utilises non-overlapping regions, it usually produces _____ effect.
a) Dimming
b) Blurred
c) Blocky
d) None of the Mentioned

Answer:-

c) Blocky
Utilising non-overlapping regions usually produces "Blocky" effect.

Read More Answers.

Question # 3

In uniform PDF, the expansion of PDF is _____.
a) Portable Document Format
b) Post Derivation Function
c) Previously Derived Function
d) Probability Density Function

Answer:-

d) Probability Density Function
PDF stands for Probability Density Function.

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Question # 4

What is the basis for numerous spatial domain processing techniques?
a) Transformations
b) Scaling
c) Histogram
d) None of the Mentioned

Answer:-

c) Histogram
Histogram is the basis for numerous spatial domain processing techniques.

Read More Answers.

Question # 5

Histogram Equalisation is mainly used for _____.
a) Image enhancement
b) Blurring
c) Contrast adjustment
d) None of the Mentioned

Answer:-

a) Image enhancement
It is mainly used for Enhancement of usually dark images.

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Question # 6

Which type of Histogram Processing is suited for minute detailed enhancements?
a) Intensive
b) Local
c) Global
d) Random

Answer:-

b) Local
Local Histogram Processing is used.

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Question # 7

In _____ image we notice that the components of histogram are concentrated on the low side on intensity scale.
a) bright
b) dark
c) colourful
d) All of the Mentioned

Answer:-

b) dark
Only in dark images, we notice that the components of histogram are concentrated on the low side on intensity scale.

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Question # 8

The type of Histogram Processing in which pixels are modified based on the intensity distribution of the image is called _____.
a) Intensive
b) Local
c) Global
d) Random

Answer:-

c) Global
It is called Global Histogram Processing.

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Question # 9

What does SEM stands for?
a) Scanning Electronic Machine
b) Self Electronic Machine
c) Scanning Electron Microscope
d) Scanning Electric Machine

Answer:-

c) Scanning Electron Microscope
SEM stands for Scanning Electron Microscope.

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Question # 10

What is Histogram Matching also called as?
a) Histogram Equalisation
b) Histogram Specification
c) Histogram linearisation
d) None of the Mentioned

Answer:-

b) Histogram Specification
Histogram Specification is also known as Histogram Matching.

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Question # 11

What is procedure to implement highlight as a blinking
operation?

Answer:-

The function textattr in conio.h can be use for this
purpose a small program has presented here...
#include<conio.h>
int main()

```
{
textattr(129);
cprintf("My name is Lord Blade...");
return 0;
}
```
here in the textattr till 128 only colors would be set and
more than it colors with blink.

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Question # 12

How to enhance the quality of an image?

Answer:-

BY PIXEL AND RESEOLUTION OF THE IMAGE

Read More Answers.

Question # 13

Where can we get all types of good emails?

Answer:-

via subscribing news letter.

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Question # 14

What are the differences between Structural Patterns and Morphological Structural Element?

Answer:-

In software engineering, structural design patterns are design patterns that ease the design by identifying a simple way to realize relationships between entities.

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Question # 15

What is Rectification in image processing?

Answer:-

Image rectification is a transformation process used to project two-or-more images onto a common image plane. It corrects image distortion by transforming the image into a standard coordinate system.
   It is used in computer stereo vision to simplify the problem of finding matching points between images.
   It is used in geographic information systems to merge images taken from multiple perspectives into a common map coordinate system.

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Question # 16

Explain How to improve image quality?

Answer:-

Images can often be improved â€" or even transformed â€" by using graphics software such as Photoshop or the free GIMP and Paint.NET applications. Many other programs also have photo-enhancing tools, including facilities for semi-automatic image enhancement, so that you need only click a button, or choose a thumbnail, to have a positive effect on image quality.

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