Ques:

1. Definition of image, digital image and digital image processing.
2. Draw the typical image processing sequence with explanation.
3. Describe the application of Digital Image Processing.
4. What are the problems of Digital Image Processing?
5. Describe the image representation.
6. Mention the types of images.
7. Definition of imaging. Mention the types of imaging with example.
8. Definition of Sampling and Quantization. Briefly describe the effect of quantization.
9. Describe Image File Format.
10. Describe Human Vision System.
11. Definition of Luminance, Brightness and Contrast.
12. Difference between Luminance, Brightness and Contrast.
13. What is Image Enhancement? Describe Common Image Enhancement techniques.
14. Definition of Point Processing. Describe Point processing with example and graph.
15. Definition of Image Subtraction. Mention the application of Image Subtraction.
16. Definition of Non-linear Mapping with example.
17. What is Image Histogram? Draw the histograms of under-exposed, over-exposed, good contrast and poor contrast image.
18. Difference between dark, light, poor contrast and good contrast image.
19. Definition of CDF with example.
20. Draw the CDF of dark, light, poor contrast, good contrast image.
21. What is histogram equalization, histogram modeling and histogram specification?
22. Difference between histogram equalization, histogram modeling and histogram specification.