DRONACHARYA GROUP OF INSTITUTIONS, GREATER NOIDA
Digital Image Processing, Question Bank

Note. Attempt all questions

1. What do you mean by Image Segmentation?
2. Describe various Image Segmentation Techniques?
3. Draw the diagram and explain various components of processing system
4. Explain with the help of example what is sampling and quantization.
5. What is homomorphic Filter?
6. Explain Contrast Stretching and histogram specification?
7. Compare Inverse Filter with Wiener Filter?
8. Enumerate main features of median Filters?
9. Explain Image Restoration and its techniques?
10. Explain Spatial Domain Methods.
11. Discuss Low pass filter and high pass filter
12. Explain the operations of band pass filters
13. Explain the concepts of Filtering and its disadvantage
14. Explain the operation of band pass filters.
15. Explain common sources of blurring and noise.
16. Explain Digital Image Processing
17. Explain the components of Digital Image Processing
18. Explain Forier Transformation
19. Explain Edge Detection
20. Explain Various edge Detection
21. Explain Image Intensification
22. Explain Image Perception
23. Explain Different image intensification process.
24. Give the program structure of Matlab .
25. Explain matrix Laboratory
26. Explain Elements of visual perception
27. Explain image restoration process in digital Image processing
28. Explain Image model and its components
29. Explain Image Enhancement in frequency domain
30. Explain Image Enhancement in Spatial Domain .
31. Explain the process of Filtering

32. Explain Different types of filters

33. Explain the demerits of filters

34. Explain Sharpening Frequency domain Filters.

35. Explain the concepts of masking.

36. Explain various noise models.

37. What are Gaussian noise.

38. Explain Inverse Filterring.

39. Explain the concept of thresholding

40. Explain what is local thresholding

41. Explain Reigion Splitting.

42. Explain edge and line detection and differentite them.

43. What are edge operators.