Course: Digital Image Processing and Pattern Recognition Class Test: 2 Total marks: 20

1) Consider the following 8-bit image: Apply the following transformation to this image 5 and show the histogram of the new image. Here C is constant, and R is input pixel.

Answer:

2) Explain how can you sharpen an image using Laplacian operator? Answer:

4

3) Prove that the SNR will be improved if we use average filter on an image. Answer:

Answer: