AG AG AG AG AG AG AG

1.a) Let V={0,1}. Compute D4, D8 distance between the pixels p and q for the figure given below. (q) 1 1-2 3 0 2 2 1 1 1 0 2 2 1 2 1 (p) b) Derive 8×8 slant transform and write its order of sequence. [6+9] A 2.a) How an image is analyzed using Discrete Cosine Transform? Explain. (a) 1 1-2 3 (b) How Hotelling transform and write its order of sequence. [6+9] 2.a) How Hotelling transform differ from other transforms? Explain. [8+7]
b) Derive 8×8 slant transform and write its order of sequence. [6+9] 2.a) How an image is analyzed using Discrete Cosine Transform? Explain. [8+7]
b) How Hotelling transform differ from other transforms? Explain. [8+7]
3. Explain various spatial domain techniques for image enhancement. [15]
4. Explain the histogram equalization method of image enhancement with an example and compare it with histogram specification. [15] What is meant by inverse filtering? Explain and compare it with least square methods. Why the restoration is called as unconstrained restoration? [12+3]
 Discuss about Constrained Least square restoration for a digital image in detail. Give the difference between Enhancement and Restoration. [11+4]
7. Explain the split and merge segmentation technique and what are the advantages of it compared to threshold techniques
8.a) Construct the Huffman code for the word "BABY". Also compute the efficiency of
Huffman Code. b) Draw the basic image compression model and explain it. [9+6]
AG AG AG AG AG AG AG
있는 BOM NOR 등 전경 보는 전에 경영을 가득했다. 이번 역시 전 등 등 보는 경기에 되었다. 전에 전쟁 전쟁 등에 가득했다. 등에 대한 경우 등에 가득했다. 그는 사람들이 되었다. 그는 사람들이 되었다. 그는 사람들이 없는 것은