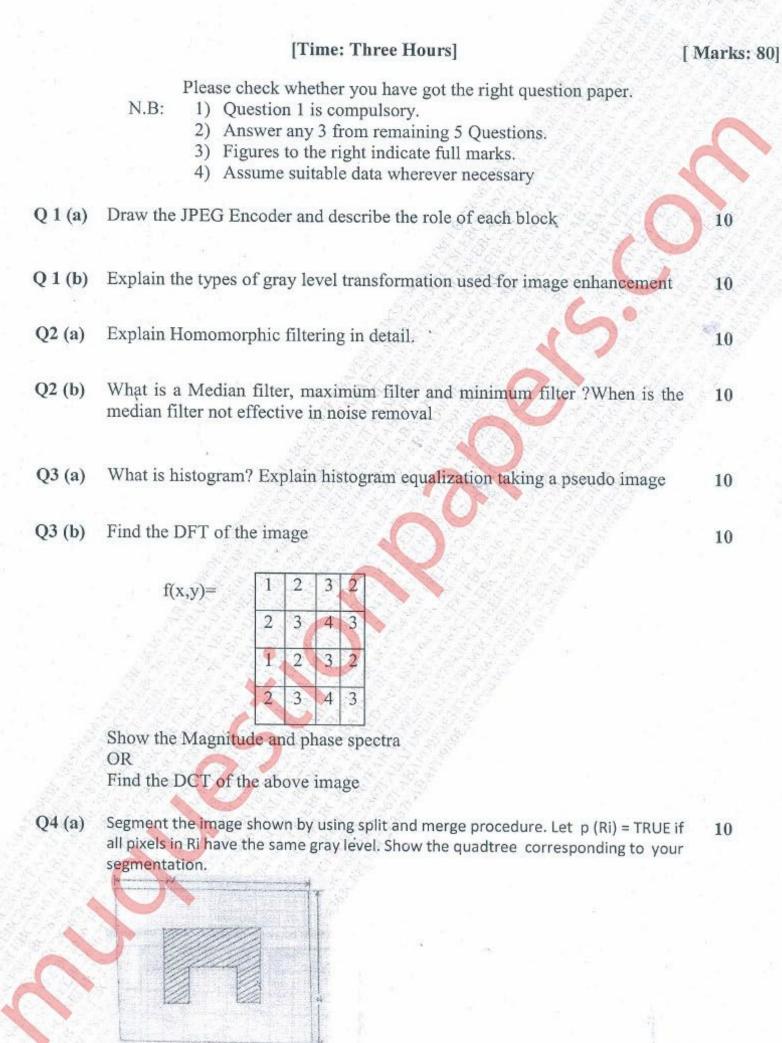
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Q4 (b)	Show that a median filter is a non linear filter	10
Q5 (a)	Explain 4, 8 and m connectivity between pixels	10
Q5 (b)	Explain euclidean,D4, D8 and Dm distance by taking a suitable example	10
Q6 (a)	How is line detected? Explain using the operators and also demonstrate by taking a set of points how edge linking can be done.	10
Q6 (b)	Consider an 8- pixel line of gray-scale data, {12,10,13,13,10,13,57,54}, which has been uniformly quantized with 6-bit accuracy. Construct its 3-bit IGS code.	10
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