



TEC	HNOLOGY									CIVIK	
		In	ternal Ass	essment Test 3	-Marc	ch 2018					
Sub:		Image Processing						Code:		15TE655	
Date:	22/05/2017	Duration:	90 mins	Max Marks:	50	Sem:	6	Branch: TCE			
	•		Answer	Any Five Full (Questi	ons		•			
								Marks	OBE		
									CO	RBT	
1 Explain the following with reference to Morphological image processing: i) Erosion ii) Dilation iii) Opening iv) Closing							10	CO1	L4		
p	Explain the folorocessing: i) Extraction	O	s transfo		•	logical i ii) Bou	_	10	CO1	L4	
	Explain the folorocessing: i) T	O		ence to Moi ickening	•	logical i Skeleto	_	10	CO1	L4	

5	Explain different types of order statistic filters.	10	CO2	L4

4 Explain any four noise probability density models.

CMR INSTITUTE OF TECHNOLOGY

USN



L4

10

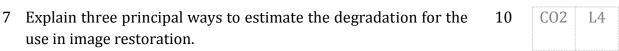
C01

Internal Assessment Test 3-March 2018

Sub:	Image Processing							Code:	15TE655
Date:	22/05/2017	Duration:	90 mins	Max Marks:	50	Sem:	6	Branch:	TCE

Answer Any Five Full Questions Marks OBE CO **RBT** 10 CO1 1 Explain the following with reference to Morphological image L4 processing: i) Erosion ii) Dilation iii) Opening iv) Closing 10 CO1 2 Explain the following with reference to Morphological image L4 processing: i) Hit-or-Miss transformation ii) Boundary Extraction iii) Hole Filling Explain the following with reference to Morphological image 10 CO1 L4 processing: i) Thinning ii) Thickening iii) Skeletons Explain any four noise probability density models. 10 CO1 L4 Explain different types of order statistic filters. 10 CO₂ L4





6 Explain different types of Mean filter.

- **10** CO2 L4
- 7 Explain three principal ways to estimate the degradation for the use in 10 CO2 L4 image restoration.