

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech. (CSE) (Sem-2)

COMPUTER VISION

Subject Code : MTCS-208-18

M.Code : 76059

Date of Examination : 02-06-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

1. Differentiate between image and catalogue model.
2. What is morphological filtering? Explain the concept of fourier transformation.
3. a) Describe feature extraction technique with example.
b) What are the various features of an image?
4. Discuss the performance of edge detection.
5. How dimensional reduction is performed using PCA, LDA and ICA methods?
6. Write a note on Segmentation.
7. What is clustering? Explain with example of k-medoids algorithm.
8. Differentiate between supervised, un-supervised and semi-supervised classification.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.