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PG (CBCS)
M.Sc. Semester-I Examination, 2022
PAPER: COS 195
MII
(IMAGE PROCESSING LAB)



Full Marks: 25

Time: 1 Hours

A. Answer any one question

1X15=15

1. Write a matlab program to extract different attributes (such as file last modification date, file size, file format, file height and width, bit depth, etc) of a given image.
2. Write a matlab program to draw the negative image of a given image.
3. Write a matlab program to power law transform of a given image.
4. Write a matlab program to histogram mapping and equalization of a given image,
5. Write a matlab program to apply gaussian smoothing filter to a given image.
6. Write a matlab program to sharpen a given image using suitable masking,
7. Write a matlab program for edge detection using Sobel operator.
8. Write a matlab program for edge detection using Prewitt operator.
9. Write a matlab program for edge detection using Roberts operator.
10. Write a matlab program to make morphological dilation of a given image,
11. Write a matlab program to transform a gray image to pseudo color image.

B. PNB

5

C. Viva

5
