

M. SC. (MATHEMATICS WITH APPLICATIONS IN COMPUTER SCIENCE) [M. SC. (MACS)]

Term-End Practical Examination

June, 2025

MMTE-003(P)(Set-II) : PATTERN RECOGNITION AND IMAGE PROCESSING

Time : 1 $\frac{1}{2}$ Hours *Maximum Marks : 40*

Note : (i) Attempt both the questions worth 30 marks.

(ii) Remaining 10 marks are for viva-
voce.

(iii) Use Science-lab only.

1. Load an image. Carry out edge detection with Canny operator and Prewitt operator. 15
2. Load an image and pass it through a low pass and high pass filter. 15

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