

No. of Printed Pages : 1 **MMTE-003(P)(Set-II)**

**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

x x x x x

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