

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

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

Term-End Practical Examination

December, 2024

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

Time : $1\frac{1}{2}$ Hours

Maximum Marks : 40

Note : (i) *This questions paper has two questions worth 30 marks.*

(ii) *The remaining 10 marks are for viva-voce.*

(iii) *Science Lab is to be used.*

1. Take a low contrast image and improve the quality of the image using histogram equalisation. 15
2. Take a small image. Compute its 2-D DFT and display the magnitude in the form of image. 15

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