MMTE-003(P)

M.Sc. (MATHEMATICS WITH APPLICATIONS IN COMPUTER SCIENCE)

M.Sc. (MACS)

Term-End Practical Examination

June, 2018

00406

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

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

Note : (i) *This question paper has three questions worth 30 marks. Remaining 10 marks are for viva-voce.*

(ii) *Do not use inbuilt commands for implementations.*

1. Implement Geometric operation viz. translation and rotation on images.   *10*

2. Perform contrast stretching and gamma correction on images.   *10*

3. Load an image. Generate Gaussian noise and add it to the image.   *10*

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