

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

Term-End Practical Examination

December, 2013

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

Time : 1½ hours

Maximum Marks : 40

*Note : This question paper has two questions worth 30 marks.
Remaining 10 marks are for viva - voce.*

1. Load an image and perform Histogram equalization on it. 10
 2. Load two images and perform the following binary operations : 20
 - (a) XOR
 - (b) OR
 - (c) AND
 - (d) NAND
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