

PATAN MULTIPLE CAMPUS

DEPARTMENT OF STATISTICS AND COMPUTER SCIENCE

B.Sc. CSIT VI SEMESTER 1st ASSESSMENT, 2070

SUBJECT:- Image Processing (CSC- 363)

FULL MARKS: 30

TIME: 1 hours

PASS MARKS: 12

Attempt any 3 questions. All questions carry equal marks (10 each).

1. Define Digital Image. Explain how can you represent image in a digital computer.
2. Explain different types of image operations used in digital image processing with suitable examples.
3. What is a discrete fourier transform. Explain the properties of fourier transform.
4. Why is histogram used in image processing. Explain in detail about contrast stretching.
5. Differentiate between:
 - a. Local and Global operations
 - b. Mean and Median filter
6. Write short notes on: [any TWO]
 - a. Discrete Cosine Transform
 - b. Digital Negative
 - c. Contrast Stretching

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