Roll No. 218230020 l

Total No. of Questions : 5]   [Total No. of Printed Pages : 3

EX-227

B.Tech. VIth Semester CSE (New Scheme) Examination, 2023

Open Elective-I (Digital Image Processing)

Paper - CS - 605

Time : 3 Hours]   [Maximum Marks : 60

Note : - Attempt all questions. Each question carry equal marks.

1. Describe digital Image fundamentals. Discuss applications of digital Image Processing.

OR

Explain :

(a) Image process

(b) Digitizer

2. Discuss hadmard transformation with its merits and demerits.

OR

Explain Image sharpening by differentiation Techniques. Describe low pass filters.

3. Describe Image restoration Degradation model for Continuous Function.

OR

Describe algebra approach to restorations in detail.

4. Explain :

(a) Encoding

(b) Mapping

(c) Quantizer

OR

Explain method of detection of discontinuation by point detection.

5. Discuss simple method of representation of signatures in detail.

OR

Explain :-

(a) Boundary segments

(b) Skeleton of region

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