Patan Multiple Campus

Assessment-2011

BSc. CSIT Sixth Semester **Full Marks: 20**

Time: 1 hour **Pass Marks: 8**

Attempt any four questions.

1. Define image processing. Briefly describe the block diagram of a typical digital image processing system. [1+4]
2. What is Discrete Cosine Transform? Discuss the properties of Hadamard transform. [1+4]
3. What is histogram? Explain any histogram based operation. [1+4]
4. What is compression? Differentiate between fixed length and variable length coding. [1+4]
5. Define pattern. Explain the block diagram of a pattern recognition system with an example.

Patan Multiple Campus

Assessment-2011

BSc. CSIT Sixth Semester **Full Marks: 20**

Time: 1 hour **Pass Marks: 8**

Attempt any four questions.

1. Define image processing. Briefly describe the block diagram of a typical digital image processing system. [1+4]
2. What is Discrete Cosine Transform? Discuss the properties of Hadamard transform. [1+4]
3. What is histogram? Explain any histogram based operation. [1+4]
4. What is compression? Differentiate between fixed length and variable length coding. [1+4]
5. Define pattern. Explain the block diagram of a pattern recognition system with an example.

Patan Multiple Campus

Assessment-2011

BSc. CSIT Sixth Semester **Full Marks: 20**

Time: 1 hour **Pass Marks: 8**

Attempt any four questions.

1. Define image processing. Briefly describe the block diagram of a typical digital image processing system. [1+4]
2. What is Discrete Cosine Transform? Discuss the properties of hadamard transform. [1+4]
3. What is histogram? Explain any histogram based operation. [1+4]
4. What is compression? Differentiate between fixed length and variable length coding. [1+4]
5. Define pattern. Explain the block diagram of a pattern recognition system with an example.

Patan Multiple Campus

Assessment-2011

BSc. CSIT Sixth Semester **Full Marks: 20**

Time: 1 hour **Pass Marks: 8**

Attempt any four questions.

1. Define image processing. Briefly describe the block diagram of a typical digital image processing system. [1+4]
2. What is Discrete Cosine Transform? Discuss the properties of hadamard transform. [1+4]
3. What is histogram? Explain any histogram based operation. [1+4]
4. What is compression? Differentiate between fixed length and variable length coding. [1+4]
5. Define pattern. Explain the block diagram of a pattern recognition system with an example.