Model Question

M.Sc.IT -Part I

Paper III

Mobile Computing and advanced Computer Networking

MCQ

Q1. Among the given image processing techniques which is fast, precise and flexible.

- 1. Optical
- 2. Digital
- 3. Electronic
- 4. Photographic

Ans: Digital

Q2. In digital image of M rows and N columns and L discrete gray levels, calculate the bits required to store a digitized image for M=N=32 and L=16

- 1. 16384
- 2. 4096
- 3. 8192
- 4. 51

Ans: 4096

Q3. The transition between continuous values of the image function and its digital equivalent is called ______.

- 1. Quantisation
- 2. Sampling
- 3. Rasterisation
- 4. None of the Mentioned
- **Ans.Quantisation**

Q4.The number of grey values are integer powers of _____.

- 1. 4
- 2. 1
- 3. 8
- 4. 2

Ans:4. 2

Q5.Which of the following expression is used to denote spatial domain process?

- 1. g(x,y)=T[f(x,y)]
- 2. f(x+y)=T[g(x+y)]
- 3. g(xy)=T[f(xy)]
- 4. g(x-y)=T[f(x-y)]

Ans.g(x,y)=T[f(x,y)]

Q6.What is the dominant modality for communication between humans?

- 1. Hear
- 2. Speech
- 3. Smell
- 4. Voice

Ans.Speech

Q7.Commands that make speaking of a speech recognition system almost as natural as talking to a person are known as NLT, an acronyn for:

- 1. Natural Lab Technology
- 2. Natural Language Technology
- 3. Neuron Language Technology
- 4. Neutral Language Technology

Ans. Natural Language Technology

Q8. Which algorithm is used for solving temporal probabilistic reasoning?

- 1. Hill-climbing search
- 2. Depth-first search
- 3. Hidden markov model
- 4. Breadth-first search

Ans. Hidden markov model

Q9. Which is mainly used for automated reasoning?

- 1. Backward chaining
- 2. Forward chaining
- 3. Logic programming
- 4. Parallel programming

Ans. Logic programming

Q10. Which of the following is not a generalization of filter bank analyser?

- 1. Signal Preprocessor
- 2. Vector Quantization
- 3. Preprocessor operation

4. Postprocessor operation **Ans. Vector Quantization**