

Sample Quiz – 15 minutes

2. **[25 pts]** What is the difference between contrast stretching and contrast compression, and under what circumstances would each technique be preferred?

3. **[25 pts]** What is the goal of histogram equalization, why is it effective, and what fundamental theoretical principle underlies its operation?"

4. **[25 pts]** Explain the difference between histogram equalization and histogram specification. In what situation would histogram specification be preferred over histogram equalization?