

Study Guide for Quiz #1**Definitions to know:**

Lecture #1

1. Data
2. Digitization
3. Bit
4. Byte
5. Binary Numbers
6. How are characters stored?
 - a. ASCII
 - b. Unicode
7. Text Document
8. HTML document
9. Kilobyte, Megabyte, Gigabyte Terabyte, Petabyte, Exabyte
10. Data Compression
11. Lossy and Lossless Compression

Lecture #2

1. Digital
2. Analog
3. Digital Audio
4. Analog-to-Digital Converter
5. Digital-to-Analog Converter
6. Sampling rate
7. Ripping
8. Digital Audio Extraction
9. Download
10. MIDI
11. Speech Synthesis
12. Speech Recognition

Lecture #3

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|----------------------------|----------------------|
| 1. Bitmap Graphic | 12. Vector Graphics |
| 2. Pixel | 13. Drawing Software |
| 3. Paint Software. | 14. Wireframe |
| 4. Scanner | 15. Rendering |
| 5. RGB color model | 16. Ray Tracing |
| 6. Color Depth | |
| 7. Image Resolution | |
| 8. Image Compression | |
| 9. Noise Reduction | |
| 10. Image Enhancement | |
| 11. Selective Color Change | |