Lesson 20

Recording Connection Final Written Exam

 Sound waves, as displayed as a waveform on a computer display, that are measured be farther away from the flat line compared with another sound wave are said to be emplified.
2. Sound waves travel <u>faster</u> through copper microphone wire compared to the speed of sound.
 To record a loud sound in a room with several other musicians, a <u>omnetive cheeral</u> microphone.
 Cardioid pattern microphones display the following frequency response characteristic (not patterns):
a. Front-to-back discrimination
b. Irregular polar pattern
c. of Laxit education
d. Boss-proximity effect
 What is the difference between peak meters versus Volume Unit (VU) meters? A peaks while the VU meter will ignore it. A compressor that comes on automatically to stop a speaker from overloading is called a variable threshold compressor.
7. Sibilance or "s" sounds may be controlled by a device known as a de - esser
8. The method of producing artificial reverberation that maintains the most control is the digitally that plug-ins
 A compressor that has knobs that need to be controlled manually is called a Pixed threshold compressor.
10. Today, reverbs and other digital signal processing are most frequently found in DA
11. Name the four types of buses found on most consoles (digital or analog.)
Individual
Mix Mix
Cotgut / // // // // // // // // // // // //
12. What type of plug-in would be used to make a sound repeat?

13. If you need to work on a specific section of a song, place the DAW into _loop .
14. List three forms of automation - ///////////////////////////////////
Was Historian & parameter change messages Was external handware controller Was DAW or other form of automation control
15. Meters used in digital recording equipment are usually LCD oriented.
16 Project and Mixes may be mastered to the intended medium or assembled into a fil
17. A S.1 surround sound system has 5 speakers.
18. Most DAW's allow USB/FireWire Editing.
19. The sample rate for most CD's is 44.1 k
20. Name the three types of equalizers commonly found in a recording studio.
Graphic Eas Parametric Eas
21. To cut the low frequencies in a signal, a low-pass filter may be used.
22. When a narrow bandwidth is chosen and the cut is set to full, that filter is called a his
23. When we are recording rhythm tracks or doing overdubs our headphone feeds are usually sent through at Console / DAW . aux/headphone curp
is used to protect a speaker from being overloaded or distorted.
25. Once a noise gate is opened, the Hirshold control adjusts the speed or how couldn'y the gate closes.
26 The standard method of interlocking audio and video device transports is by the use of SHFTE. Time Code.
27. When using two or more microphones, comb filtering may be reduced or eliminated by the use of the 3/1 Distance rule.
28. The names of the different types of styles found in commercial studio patch bays are: Open Half Name Late Amazine Amazine Amazine Description Amazine Description Amazine Description Des
29. Electric bass guitars may be recorded by miking the amp's speaker or directly by using a

- 33. What type of microphone is recommended to record an acoustic guitar by itself?
- 34. Digital consoles convert analog input signals to digital signals.
- 35. What do the black rings signify on a 1/4 inch connection / jack?

 They are consider on a patch bry which enables it to patch in the audio a single rack space configuration signals from a central point to other gear.

Grade Code:
Each question answered correctly = 3 points
102-108 = A
95-101 = B
88-94 = C