MUM 2600
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CHAPTER 2 TEST REVIEW

Definitions:
1. SPL
2. Hertz
3. Cycle
4. Period
5. What kind of sound waves are square, saw-tooth and sine waves? What type if unit uses these waves to create sound?
6. What types of sound waves do engineers most commonly record?
7. Frequency
8. Amplitude
9. Reverb
10. What is a linear device? How does it produce sound?
11. Timbre
12. Envelope
13. Attack
14. Sustain
15. Decay
16. What is the speed of sound? What environmental factor changes the speed of sound? How/
17. Panning
18. Combination tones
19. Overtones
20. Undertones
21. Harmonics
22. Decibel
23. Octave – what is the value of a frequency one octave higher than 440 Hz? What is the value of a frequency one octave lower than 440 Hz?
24. Wavelength
25. Phase
26. Stereo
27. Peak amplitude
28. Reflection
29. Rarefaction
30. Diffraction
31. Voltage
32. Power
33. Threshold of hearing
34. Threshold of feeling

35. Threshold of pain
36. Beats
37. Combination Tones
38. Compression
39. Masking
40. Range of human hearing
41. Bones of the inner-ear
42. Decibel is named after?
43. Who first discovered or computed the speed of sound? Sir Isaac Newton.
44. Logarithm
45. Harmonic distortion

Pro Tools information:
1. When launching Pro Tools, where does one find the launch icon?
2. What are the sample and bit rates used for all sessions created in class?
3. What are the standard sample and bit rates used on commercial Cds?
4. What digital audio format do we use when creating a new session? Why do we use this type of digital audio format?
5. What types of digital audio formats do we most often encounter when using digital recorders? AIFF, SDII, .wav, .rex, .mp3, .mp4.
6. What is the shortcut command for creating a new track?
7. How many types of audio tracks can be created in a Pro Tools session?
8. What other types of tracks can be created in a Pro Tools session?
9. When using Sample Tank, what three tracks must you create?
10. How do you "send" the Sample Tank sound to an audio track in Pro Tools?
11. What is the standard MIDI channel used by drums?
12. Why should you not record onto the main system drive?
13. When creating a smooth or seamless splice in between two waveforms, what operation do you use in Pro Tools? What is the quick-key command for that operation?
14. A piano will typically need what kind of audio track?
15. A trumpet will typically need what kind of audio track?
16. If you are recording separate vocal tracks on separate channels but want to add the same reverb to all of them, what kind of track would you create and how would you send all of the vocal tracks to that track?
17. What is the shortcut key command for "save"?
18. What is the shortcut key command for alternating between the mix and edit windows in Pro Tools?
19. What inputs does the Kurzweil keyboard appear on in the Pro Tools lab?
20. How do you change the name of a track in Pro Tools?