Student: Brandon Smith

Quiz - Basic Audio Engineering - Chapter #12

1. Automation allows you to:
   - ○ **A.** have a parameter or motorized control adjust itself in real-time while the song is playing.
   - ◉ **B.** have a parameter or motorized control adjust itself in real-time while the song is playing.
   - ○ **C.** adjust a LFO on a MIDI software synth in real-time while a song is playing.
   - ○ **D.** All of the above

2. Renaming busses in Pro Tools is possible through the _____ tab of the setup menu.
   - ○ **A.** playback engine
   - ○ **B.** peripherals
   - ◉ **C.** I/O
   - ○ **D.** MIDI

3. A mix engineer should always apply dither on the master fader.
   - ○ **A.** True
   - ◉ **B.** False

4. A(n) _____ is anything you add to your signal path that changes the sonic characteristics of the audio signal.
   - ○ **A.** reverb
   - ○ **B.** delay
   - ◉ **C.** effect
   - ○ **D.** chorus

5. Mixing is a purely technical task involving no creative skills.
   - ○ **A.** True
   - ◉ **B.** False

6. Two general ways to use EQ are:
   - ○ **A.** Additive and Subjective
   - ○ **B.** Objective and Subjective
   - ◉ **C.** Additive and Subtractive
   - ○ **D.** Objective and Subtractive

7. Checking your mix in mono:
   - ○ **A.** enables you to see potential problems that may occur if someone hears your song on a radio station.
   - ○ **B.** can help you examine potential phasing issues resulting from the left and right channels being mixed together.
   - ◉ **C.** Both A and B
   - ○ **D.** None of the above

8. Bouncing takes the output of the master (analog or digital) and records it on one stereo track.
   - ◉ **A.** True
   - ○ **B.** False

9. The master is:
   - ○ **A.** the head engineer at the studio
   - ○ **B.** the 1st copy of a song or album that all duplications are based off of.
   - ○ **C.** the degree that a producer needs to work for Warner-Chapel records.
   - ◉ **D.** the first reproduction of a song or album.

10. Effects used in a mix can be _____ during the mastering process do to compression chains

used.
- ○ **A.** magnified
- ● **B.** minimized
- ○ **C.** cancelled out
- ○ **D.** none of the above

11. Getting a rough mix together can be done fairly quickly by adjusting the _____ and the _____ of your song.
- ● **A.** levels, compression
- ○ **B.** compression, EQ
- ○ **C.** effects, automation
- ○ **D.** levels, panning

12. Compression is _____.
- ○ **A.** multiplicative
- ● **B.** subtractive
- ○ **C.** additive
- ○ **D.** confusing

13. Redbook CD standard sample rate and bit depth is:
- ○ **A.** 24 kHz, 48 Bit
- ○ **B.** 96kHz, 24 Bit
- ● **C.** 48 kHz, 24 Bit
- ○ **D.** 44.1 kHz, 16 Bit

14. How much headroom should you leave for the mastering engineer?
- ● **A.** 12 dB
- ○ **B.** 20 dB
- ○ **C.** 3-6 dB
- ○ **D.** .01 dB FSD

15. Getting organized before diving into a mix:
- ○ **A.** is not as important as having the perfect sounding kick drum.
- ○ **B.** can help you stay focused during the mix process.
- ○ **C.** should be something done every time you mix!
- ● **D.** Both B and C
- ○ **E.** None of the Above

Save Your Work

Note: This assignment must also be turned in to your mentor. Please click the **Print** button on the top right of this page after saving.

Turn in for grade