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STUDENT SERVICES PORTAL | RC

Turn in Assignment for Basic Audio Engineering - Chapter #16

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Basic Audio Engineering - Chapter #16 - Quiz

1. What is MIDI an acronym for?

- A. Musical Interface Digital Instructions
- B. Music Inside Digital Information
- C. Musical Instrument Digital Interface
- D. Musical Instrument Diode Isolator

2. A working version of the MIDI protocol was presented by _____ at the 1981 AES Convention.

- A. Robert Moog
- B. Dave Smith and Chet Wood
- C. Vangelis
- D. Alan Parsons and Tom Oberheim

3. Velocity refers to:

- A. The dynamic range of a given sound
- B. The number of layers in a given synth patch
- C. The force by which a given note is struck
- D. A feature introduced in 1982 and still found on most digital instruments

4. A method of control for electronic Instruments which predates MIDI?

- A. dedicated instruments
- B. control voltage
- C. patch change
- D. continuous controllers

5. A typical MIDI Signal Contains

- A. Note Start/Stop, Note Number, Audio Signal
- B. Note Start/Stop, Note Number, Velocity
- C. Note Start/Stop, Tempo, Audio Signal
- D. Note Start/Stop, Note Number, Chord Name

6. Polyphony refers to:

- A. The number of harmonics in a given sound
- B. The ability to play more than one note at a time
- C. The number of notes in a melody
- D. The number of tracks in your sequencer

7. What type of MIDI track do we create to start recording immediately with a SOFTWARE synthesizer (virtual instrument)?
- A. Stereo/Mono Track
 - B. MIDI Track
 - C. Instrument Track
 - D. Click Track
-
8. Moving MIDI notes vertically in the MIDI Editor alters what?
- A. amount of quantization
 - B. amount of velocity
 - C. note duration
 - D. notes values and/or pitches
-
9. What options do we have for reducing the 'robotic' feel of quantized MIDI recordings?
- A. Quantize Amount, Transpose, Scale
 - B. Quantize Amount, Grid, MIDI Thru
 - C. Quantize Amount, Velocity, Swing
 - D. Quantize Amount, Velocity, Loop Playback
-
10. In XPand, what does a patch consist of?
- A. Volume, Pan, Effects settings
 - B. Up to four parts
 - C. Smart Knobs settings
 - D. All of the Above
-
11. In Structure Free, what is an easy way to create a patch from any existing audio?
- A. loading a preset
 - B. using the built-in sample from microphone feature
 - C. adjusting Smart Knobs
 - D. dragging audio from the Finder window
-
12. True or False: MIDI clips contain audio
- A. True
 - B. False
-
13. What are the three built in software instruments included with Pro Tools?
- A. Structure, XPand, Boom
 - B. Structure, Sampler, Boom
 - C. Xpand, Operator, Boom
 - D. Xpand, Subtractor, Drum Rack
-
14. What synth parameters might we adjust over time, to make our MIDI recordings more interesting?
- A. attack and release
 - B. filter cutoff frequency
 - C. volume and panning
 - D. all of the above
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15. Which two synthesizers were involved at the first public MIDI connection at the 1983 Winter NAMM Show?

- A. Sequential Circuits Prophet-600 and MiniMoog Model D
- B. Sequential Circuits Prophet-600 and Roland Jupiter-6
- C. Dave Smith Instruments Poly Evolver and Moog Slim Phatty
- D. Roland Juno-6 and Oberheim SEM

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