

## Question Category

As one story goes, the criterion used to set the length of the sectors and ...

As one story goes, the criterion used to set the length of the sectors and ultimately the physical size of the compact disc format was based on the length of:

Choose one answer.

- ☐ 1. the Beatles' "White Album"
- ☐ 2. Handel's Messiah
- ☒ 3. Beethoven's Ninth Symphony
- ☐ 4. Bach's St. John's Passion
- ☐ 5. Iron Butterfly's live rendition of "Innagaddadavida"

Audio recorded at 44.1 kHz (kilohertz), 16-bit stereo is considered:

Audio recorded at 44.1 kHz (kilohertz), 16-bit stereo is considered:

Choose one answer.

- ☐ 1. phone-quality
- ☐ 2. voice-quality
- ☐ 3. FM-quality
- ☒ 4. CD-quality
- ☐ 5. AM-quality

DSP stands for:

DSP stands for:

Choose one answer.

- ☐ 1. dynamic sound programming
- ☐ 2. data structuring parameters
- ☐ 3. direct splicing and partitioning
- ☐ 4. delayed streaming playback
- ☒ 5. digital signal processing

Each individual measurement of a sound that is stored as digital information ...

Each individual measurement of a sound that is stored as digital information is called a:

Choose one answer.

- ☐ 1. buffer
- ☐ 2. stream
- ☒ 3. sample
- ☐ 4. capture
- ☐ 5. byte

Reducing the number of separate measurements of an audio file is called ...

Reducing the number of separate measurements of an audio file is called \_\_\_\_\_.

Choose one answer.

- ☒ 1. downsample
- ☐ 2. quick time
- ☐ 3. SND
- ☐ 4. WAV

Removing blank space or "dead air" at the beginning or end of a recording is ...

Removing blank space or "dead air" at the beginning or end of a recording is sometimes called:

Choose one answer.

- ☐ 1. quieting
- ☐ 2. pre-rolling
- ☐ 3. quantizing
- ☒ 4. trimming
- ☐ 5. flashing

Sequencing software:

Sequencing software:

Choose one answer.

- ☐ 1. places audio clips in order in a soundtrack
- ☒ 2. records and edits MIDI data
- ☐ 3. applies filters to digital audio clips in a predetermined order
- ☐ 4. manages a project by creating a timeline of events
- ☐ 5. helps synchronize images with a sound track

Some software allows you to begin playing a downloading sound file as soon as...

Some software allows you to begin playing a downloading sound file as soon as enough of the sound is cached in your computer's \_\_\_\_\_.

Choose one answer.

- ☐ 1. streaming
- ☒ 2. buffer
- ☐ 3. MIDI
- ☐ 4. MP3

Sound pressure levels (loudness or volume) are measured in \_\_\_\_\_.

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Choose one answer.

- ☐ 1. acoustics
- ☒ 2. decibel
- ☐ 3. normalize
- ☐ 4. quantization

The audio file format introduced by Microsoft and IBM with the introduction ...

The audio file format introduced by Microsoft and IBM with the introduction of Windows is the \_\_\_\_\_.

Choose one answer.

- ☐ 1. downsample
- ☐ 2. quick time
- ☐ 3. SND
- ☒ 4. WAV

The branch of physics that studies sound is \_\_\_\_\_.

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Choose one answer.

- ☒ 1. acoustics
- ☐ 2. decibel
- ☐ 3. normalize
- ☐ 4. quantization

The file format that uses a shorthand representation of musical notes and ...

The file format that uses a shorthand representation of musical notes and durations stored in numeric form is:

Choose one answer.

- ☐ 1. AIFF
- ☐ 2. CD-ROM/XA
- ☐ 3. DSP
- ☒ 4. MIDI
- ☐ 5. QuickTime

The file size of a five-second recording sampled at 22 kHz, 16-bit stereo ...

The file size of a five-second recording sampled at 22 kHz, 16-bit stereo (two tracks) would be about:

Choose one answer.

- ☐ 1. 110,000 bytes
- ☐ 2. 220,000 bytes
- ☒ 3. 440,000 bytes
- ☐ 4. 550,000 bytes
- ☐ 5. 880,000 bytes

The most common file format for editing sound on the Macintosh is ...

The most common file format for editing sound on the Macintosh is \_\_\_\_\_.

Choose one answer.

- ☐ 1. downsample
- ☐ 2. quick time
- ☒ 3. SND
- ☐ 4. WAV

The primary benefit of the General MIDI over the previous MIDI specification ...

The primary benefit of the General MIDI over the previous MIDI specification is that:

Choose one answer.

- ☐ 1. the file sizes are much smaller due to the compression scheme
- ☐ 2. users can easily edit and adjust the data structures
- ☐ 3. it can be easily converted into the CDROM/XA format
- ☐ 4. MIDI files can be easily integrated into the computer's operating system as system sounds
- ☒ 5. the instruments are the same regardless of the playback source

The process of playing a sound file while part of the file is still ...

The process of playing a sound file while part of the file is still downloading is called \_\_\_\_\_.

Choose one answer.

- ☒ 1. streaming
- ☐ 2. buffer
- ☐ 3. MIDI
- ☐ 4. MP3

The process of recording a sound, stored in the form of thousands of ...

The process of recording a sound, stored in the form of thousands of individual measurements, each at a discrete point in time, is called:

Choose one answer.

- ☒ 1. sampling

- ☐ 2. synthesizing
- ☐ 3. sizing
- ☐ 4. quantizing
- ☐ 5. streaming

The Red Book standard was so named because:

The Red Book standard was so named because:

Choose one answer.

- ☐ 1. the standard was pioneered in the former Soviet Union
- ☐ 2. red is an acronym for "Registered Electronic Data"
- ☒ 3. the standard's book jacket was red
- ☐ 4. it was so expensive to produce CDs early on that most producers were "in the red"
- ☐ 5. the dye in the first recordable CDs had a reddish tint

The slower a user's connection, the longer he must wait for enough of the ...

The slower a user's connection, the longer he must wait for enough of the sound to download so that the entire file will have downloaded by the time the sound reaches the end. This effect is called:

Choose one answer.

- ☒ 1. streaming latency
- ☐ 2. post-processing
- ☐ 3. compression
- ☐ 4. digital signal processing
- ☐ 5. multitap delay

The standard file format for displaying digitized motion video on the ...

The standard file format for displaying digitized motion video on the Macintosh is

\_\_\_\_\_.

Choose one answer.

- ☐ 1. downsample
- ☒ 2. Quick Time
- ☐ 3. SND
- ☐ 4. WAV

To adjust the level of a number of tracks to bring them all up to about the ...

To adjust the level of a number of tracks to bring them all up to about the same level is to \_\_\_\_\_ them.

Choose one answer.

- ☐ 1. acoustics
- ☐ 2. decibel
- ☒ 3. normalize
- ☐ 4. quantization

What happens when an audio signal exceeds the recording device's maximum ...

What happens when an audio signal exceeds the recording device's maximum recording level?

Choose one answer.

- ☐ 1. The signal is compressed to an appropriate level.
- ☒ 2. Clipping of the signal occurs, introducing distortion.
- ☐ 3. The audio clip is extended to accommodate the extra data.
- ☐ 4. The entire clip's volume is reduced correspondingly.

☐ 5. The extra bits go into a buffer for later use.

When audio is measured in order to be digitally stored, the value of each ...

When audio is measured in order to be digitally stored, the value of each measurement is rounded off to the nearest integer in a process called \_\_\_\_\_.

Choose one answer.

- ☐ 1. acoustics
- ☐ 2. decibel
- ☐ 3. normalize
- ☒ 4. quantization

Which of the following sound file characteristics does not directly affect ...

Which of the following sound file characteristics does not directly affect the size of a digital audio file?

Choose one answer.

- ☐ 1. sample rate
- ☐ 2. sample size
- ☐ 3. tracks
- ☒ 4. volume
- ☐ 5. compression

Which of these statements regarding the MIDI audio format is not true?

Which of these statements regarding the MIDI audio format is not true?

Choose one answer.

- ☐ 1. The sound can easily be changed by changing instruments.
- ☒ 2. Spoken audio can easily be included.
- ☐ 3. Sound tracks can be created using sequencing software.
- ☐ 4. Files are generally smaller than the same digital audio sound.
- ☐ 5. Sounds can be stretched and timing changed with no distortion of the quality.