

COMPENTENCY 205 - Audio

Scenario for questions 1-4

Sally is editing an audio project for the SkillsUSA competition. The competition requirements state that her audio project should be 1 minute in length and that the submitted file size does not exceed 3 MB. All audio should be at proper levels, and each project will be submitted on the Internet.

1. Which of the following items will determine the size of Sally's audio file?

A The type of microphone used

B ppi

C Frame rate

D Length of the project

2. When listening to her audio project Sally discovers that her background music overpowers her voice over. What does she need to do so that the background music does not interfere with the narration?

A Compress the file

B Export the left channel

C Add an echo effect to the voice over

D Adjust the volume levels

3. What would Sally look at in her editing program to help her determine the audio level of her background music?

A Timeline

B Bin

C The file size

D VU meters

4. When Sally exports her audio project, she discovers that her file size is 5 MB. What will she have to do to meet the requirements of the competition?

A Over modulate the audio

B Adjust the VU meter

C Compress the audio

D Raise the audio levels

Scenario for questions 5-7

Jim plans to record the school band concert. He has the following types of equipment: two microphones, microphone cables, headphones, an audio mixer and a computer with audio broadcasting software. The school plans to broadcast this event live over the Internet.

5. Due to the fact that Jim has two microphones, what type of recording would you infer that he is going to make?

- A Surround sound recording
- B Mono recording
- C Transphonic recording

D Stereo recording

6. In order for Jim to stream the audio of the concert over the Internet, what will he need to do to accommodate a large number of listeners?

- A Check the length of the microphone cables
- B Ensure the school has enough bandwidth**
- C Check the VU meters
- D Raise the levels on the audio mixer

7. When listening to the concert through the headphones, Jim notices that the audio on the left channel is much lower than the right channel. What does he need to do to remedy the situation?

- A Adjust the audio volume of the left channel**
- B Solo the left channel
- C Turn the right channel all the way down
- D Unplug the microphone

8. Phillip is a member of a band. The group wants to place their recorded songs on the Internet. What type of file format would be the most common format used on the Internet?

- A PAL
- B MP3**
- C MIDI
- D SND

9. Tommy connected his electronic piano to his computer to record a song. What audio format allows him to record the tones played on the electronic piano?

- A PDF
- B DOC
- C MIDI**
- D SECAM

10. James is recording a speech in the school auditorium. He arrives after the speech has begun. What type of microphone pick-up pattern will he need to use to capture the sound of the presenter from the back of the room?

A Shotgun

B Stereo

C Cardioid

D Triphonic

11. Terry wants to create a home theater in his den. What type of set-up would produce the most realistic sound?

A Mono

B Stereo

C Cardioid

D Surround sound

12. Jake is making a digital portfolio of his audio projects. He wants to share the files over the Internet. What would be the best file type to use in this situation?

A DPI

B MP3

C NTSC

D DOC

13. Joan made a recording and is listening to it on her home entertainment system. This system uses five channels of sound to create a more realistic effect. She only hears audio out of the left channel. What type of recording did she make?

A kHz

B Monaural

C Stereo

D Surround sound

14. Tommy wants people to listen to the school radio program in the morning via the Internet. Which delivery method would be best to deliver the radio show to the intended audience?

A AVI

B Loudspeaker

C Streaming

D Stereophonic

15. Jane is creating music files to post on her band's website. She knows it is important to create a format that is compatible with the most media players possible. Which format would she most likely use?

A WMV

B AIFF

C PDF

D MP3