Careers Behind the Beats with Amazon Music

Quiz

Name _____ Class _____

Directions:

At each stop on the tour, answer all the comprehension questions.

Stop	Comprehension Question	Answer
Intro Watch this Tour Stop in: Video 1	**1.** In 1877, the first machine that could record and playback sound was invented. What was on the very first audio recording?	**A) Mary Had a Little Lamb** B) Baby Shark C) Beethoven's 5th Symphony D) A speech delivered by the President
Capturing Inputs Watch this Tour Stop in: Video 2	**2.** A musician singing into a microphone or playing a keyboard plugged directly into a computer are examples of audio _____? **3.** Hardware inside of a microphone can convert _____ into electric signals when recording songs.	**2.** A) output **B) inputs** C) software D) algorithm **3.** A) software B) other hardware **C) sound energy** D) light energy
Capturing Inputs Watch this Tour Stop in: Video 3	**4.** A producer hits record on a Digital Audio Workstation (DAW). A DAW is an example of _____ used to capture audio inputs.	A) sound energy **B) software** C) inputs D) An instrument

Improving & Finalizing Outputs Watch this Tour Stop in: Video 4	**5.** Mastering engineers adjust the _____ of sound waves, which determines the sound's volume (how loud or soft the sound is).	A) pitch B) wavelength C) export **D) amplitude**
Improving & Finalizing Outputs Watch this Tour Stop in: Video 5	**6.** What do you think it means to export a song?	**A) To save a file so it can be used by other software** B) To send the file to another country in the mail C) To open a file in special software
Protecting your Creativity Watch this Tour Stop in: Video 6	**7.** True or False: When you pay to listen to music, you can do whatever you want with the song recording. **8.** When you buy a song file or pay for a music service, what can you do with the recordings? **9.** Music services must _____ songs from record labels to offer tracks for users to listen to.	**7.** A) True **B) False** **8.** A) Send it to all of your friends and family B) Use it in a movie or TV show **C) Listen to it** D) Use it to advertise products **9.** **A) license** B) copyright C) record D) export

Streaming Watch this Tour Stop in: Video 7	**10.** _____ allows people to access music files on demand over the Internet, instead of lugging around heavy records.	A) copyright B) amplitude **C) streaming** D) sound energy
The Front End Watch this Tour Stop in: Video 8	**11.** When crafting buttons and app flow, designers focus on the _____, the way a customer thinks or feels when interacting with an app.	**A) User Experience (UX)** B) back end C) streaming D) licensing
The Front End Watch this Tour Stop in: Video 9	**12.** Some engineers write the code for the buttons, menus, and other design elements of an app's _____ – the parts that you see and interact with.	A) back end **B) front end** C) hardware D) export
The Back End Watch this Tour Stop in: Video 10	**13.** What is one responsibility of a backend engineer in a music app?	A) Write the code for the buttons and colors B) Design the menus in an app C) Conduct research with users **D) Write the code that retrieves the correct song data**

The Back End Watch this Tour Stop in: Video 11	**14.** Computers are trained using _____ to learn what people like to listen to and make new music recommendations. **15.** Machine learning requires computer software to take in lots of _____, like the genre of a song or what other users are listening to.	**14.** **A) machine learning** B) ingestion C) exporting D) hardware **15.** A) sound energy B) amplitude C) licenses **D) data**
Career Spotlight Watch this Tour Stop in: Video 12	**16.** Who builds each new feature on Amazon Music?	**A) A team led by a product manager** B) A rotating group of engineers who volunteer for feature projects C) A dedicated research and development department separate from the main team D) Cross-company collaboration between Amazon Music and third-party developers g data
Conclusion Watch this Tour Stop in: Video 13	**17.** What powers the whole streaming experience?	**A) Computer science** B) A global network of satellite connections C) Advanced audio hardware in data centers D) Partnerships with internet service providers

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