Sound Post-Quiz Answer Key

1. What is sound?
   Sound is created by the vibration of air particles.

2. What is the difference between a loud sound and a soft sound in terms of pitch?
   They differ primarily in amplitude and not pitch (frequency).

3. Draw sound waves for high-pitch and low-pitch sounds.
   A high-pitch sound has more waves per unit time, compared to a low-pitch sound.

4. When you hum the same note continuously, does it produce a distinguishable waveform?
   How about when you scream?
   A note usually is close to a “sine” in form, while a scream has lots of frequencies.