1. Sounds create ______________ in the air that beat against the ____________, which pushes a series of tiny _________________ that move internal _______________ against a ________________ that triggers tiny ________________ that stimulate ______________, which in turn send ________________ to the _________, which interprets them as sound.

   a. The ear’s often overlooked, but even more vital role is maintaining your _________________.

   b. How does a sound’s _________________ and _________________ differ? Explain each.

   c. Your ear is divided into three major areas: the ________________, ________________, and _______________ ear.

      i. The middle ear, also called the ________________, is the relay station between the outer and inner ear; it’s main job is to _________________ sound waves so that they’re stronger when they enter the inner ear.

      ii. What are the official and unofficial names of your inner ear bones?

      iii. What are the two important jobs of the inner ear?

      iv. The ________________ is a stiff band of tissue that runs between the _______________ and _______________.

         1. The part of the membrane with the short fibers vibrates in response to _____________________________ while the areas with the longer fibers resonate with ____________________________.

      v. Electrical impulses travel from the ________________ along the ________________ and up the ________________ to the _________________.