Audio Mid-term Review

What is sound? Traveling wave of oscillating pressure.

How does the human body create sound? Vocal cords

SPL stands for? Sound pressure level

What is the unit of measure for sound? Decibel (Db)

What is an analog form of reproducing sound? Record player

Both Mp3’s and Cd are considered a \_\_\_\_\_\_\_\_\_\_\_\_ form of reproducing sound. Digital

List the parts of a speaker assembly. Frame, cone, spiders, voice coil, magnet, surround

Which type of speaker is used for high notes?

A woofer is used for \_\_\_\_\_\_\_\_\_\_\_ notes.

Which type of enclosure does not require a port?

Is one enclosure type better than the other? Explain.

A ported enclosure has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ path for the sound to follow.

Which type of circuit has only one direction for electricity to flow?

A parallel circuit has \_\_\_\_\_\_\_\_\_\_\_\_\_ paths for electricity to flow through.

List the 3 components of a crossover resistor, capacitor, inductor coil

What piece of personal protective gear is required in the lab at all times?

Which machine was used to cut the pieces for your enclosure?

Which tool was used for cutting the holes for your speaker.

How much insulation should you strip off the wire to solder?

How can a soldering iron harm you? Burns, fumes

What tools/materials were used to assemble your enclosure (glue/nail gun)

What is the proper technique for soldering wires?