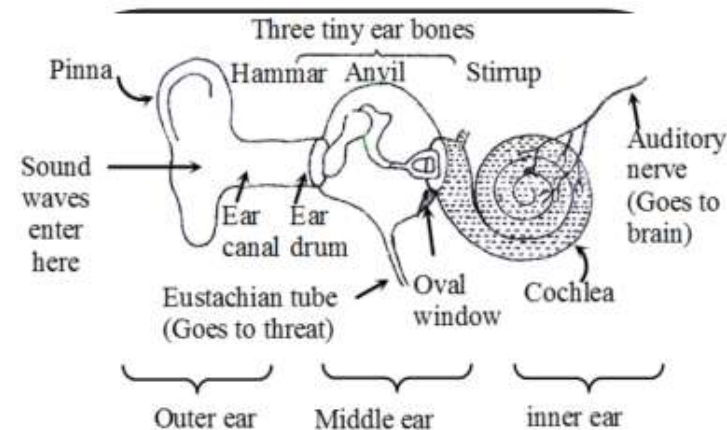
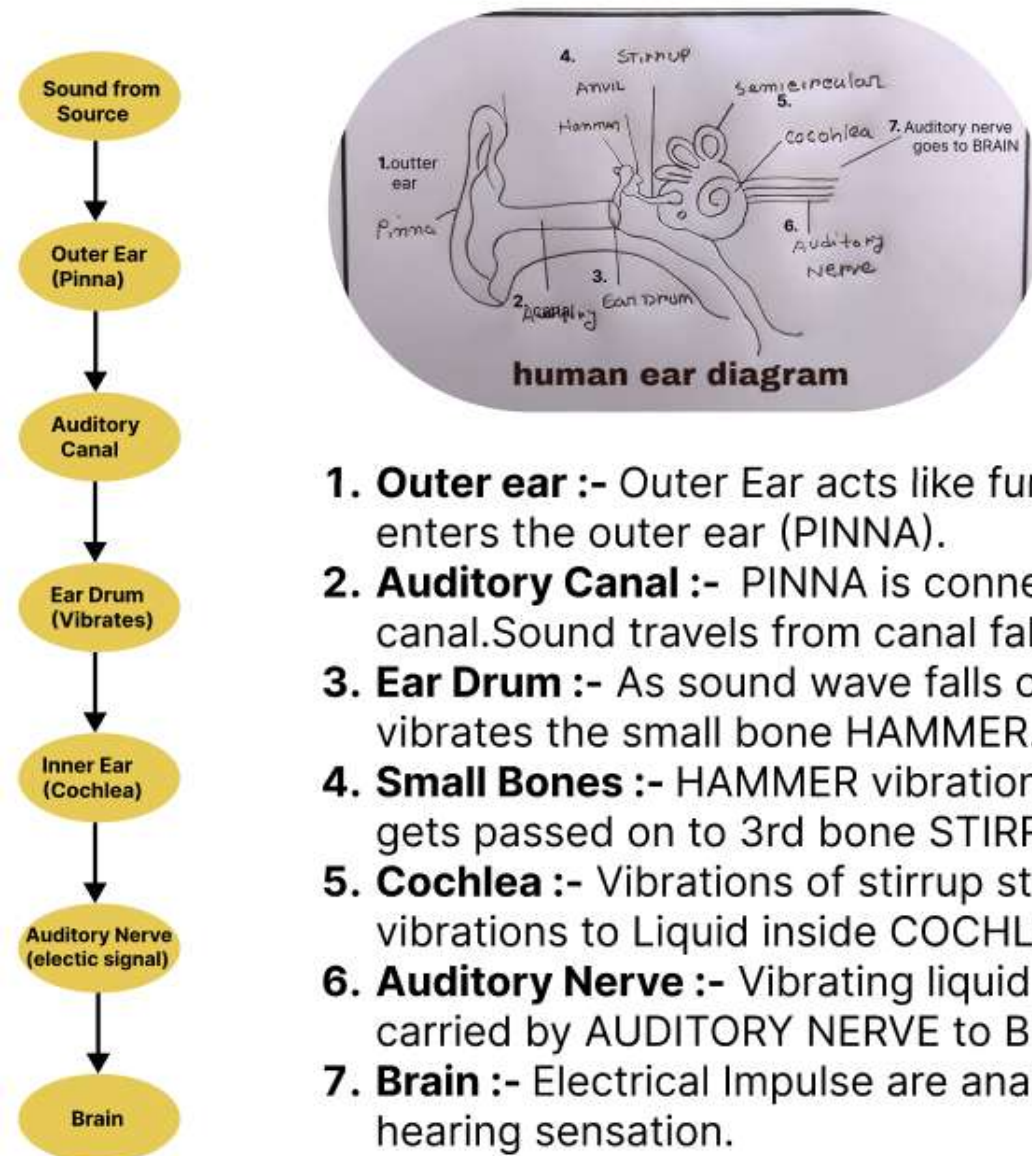


Q. Explain Human Eye with the help of a well labeled diagram



- 1. Outer ear :-** Outer Ear acts like funnel. Sound coming from the source or surrounding enters the outer ear (PINNA).
- 2. Auditory Canal :-** PINNA is connected to 2-3cm long canal called auditory canal. Sound travels from canal falls on EAR DRUM.
- 3. Ear Drum :-** As sound wave falls on Ear drum vibrates to and fro rapidly, which vibrates the small bone HAMMER.
- 4. Small Bones :-** HAMMER vibrations gets passed on to 2nd bone ANVIL & from ANVIL it gets passed on to 3rd bone STIRRUP.
- 5. Cochlea :-** Vibrations of stirrup strikes on the membrane of oval window & passes vibrations to Liquid inside COCHLEA which starts to vibrate (amplified).
- 6. Auditory Nerve :-** Vibrating liquid of COCHLEA sets up Electrical Impulse. These are carried by AUDITORY NERVE to BRAIN.
- 7. Brain :-** Electrical Impulse are analyzed and interpreted by brain as sound and we get hearing sensation.