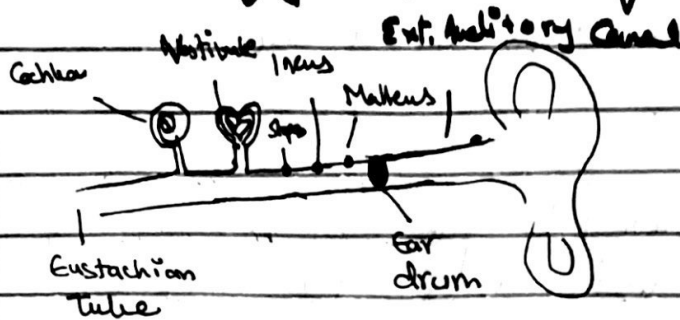


Draw the Structure of human ear and briefly explain its functions.



Outer Ear:

Outer ear consists of the following parts:

- 1) Pinna
- 2) External Auditory Canal

Pinna:

- Pinna is the first part of human ear. It receives the sound waves.

2) External Auditory Canal:

The Canal provides a path for carrying sound waves from external ear to inner ear.

Middle Ear:

The ear drum then gives a passage to sound waves to pass to the middle

ear. Middle ear consists of 3 ossicles:

- 1) Malleus
- 2) Incus
- 3) Stapes

} Three bones in a ear.

These bones have 1 function which is to transmit sound waves to the inner ear.

Inner Ear:

The inner ear consists of 3 parts:

- 1) Semicircular Canal.
- 2) Eustachian tube
- 3) Cochlea.

Semicircular Canal:

Semicircular canal consists of receptors which receive ear sound waves.

Cochlea Eustachian tube:

Eustachian tube is a connection point between ear and nose, which further provides balance.

Cochlea:

Cochlea is a fluid filled organ which transmits sound waves to auditory nerve, which then sends the sound waves to brain for the recognition of sound.