

24/7/2020
FRIDAY

BIOLOGY

STD - 8
class - 13

Assignment

1) Prepare notes on External ear.

Ans) In the external ear there are 3 parts.

Pinna, Auditory canal, Tympanum.

Pinna - It helps the sound waves to reach the auditory canal.

Auditory canal - It carries sound waves to the Tympanum. Small hairs and wax present inside the canal. It helps to prevent the entry of dust particles to the ear.

Tympanum - It is a thin circular membrane that separates the middle ear from the external ear. It vibrates in resonance with sound waves.

2) Prepare notes on Middle ear.

Ans) Middle ear is the chamber situated between external ear and internal ear.

The parts and functions of middle ear

Ear ossicles

[malleus, incus,
stapes]

- Amplify and transmit the vibrations of the tympanum to the internal ear.

Eustachian tube

- Protects the tympanum by balancing the pressure on either side of tympanum

3) Prepare notes on internal ear.

Ans) In the internal ear there are 3 semicircular canals, vestibule, vestibular nerve, Auditory nerve, ~~cochlea~~ cochlea are situated.

Semicircular canals, vestibule and cochlea are the important parts of internal ear.

Semicircular canals and vestibule help in balancing the body. Cochlea helps in the process of hearing.