

Worker bee :-

⇒ Sterile female.

↳ Can't reproduce.

⇒ Developed from fertilize egg (zygote)

⇒ Diploid (32 chromosomes)

⇒ Smallest in size.

⇒ wings & legs are larger than other members.

⇒ Food - Honey bread / Bee bread.

⇒ Life span - 6 weeks (1.5 month)

⇒ Number - Thousands

⇒ Hard worker & self disciplined.

20,000 - 80,000
↓
one - queen bee
Hundreds - Drone bee



- ⇒ Cleaner - To clean hive / comb.
- ⇒ Repairer - To repair hive
- ⇒ Nurse - Nourish.
- ⇒ Fanner - fanning (Temperature - control)
- ⇒ Guard - Guard - entrance.
- ⇒ Builder - Build hive.



Outsider

→ To collect Pollen grains, water, nectar etc.

✓ Food -

Nearby food - Round dance - less than 100m.

Waggle dance - more than 100m.

✓
↳ speed



Structure

Head

⇒ one pair of compound eyes,

⇒ Three ocelli (simple eyes)

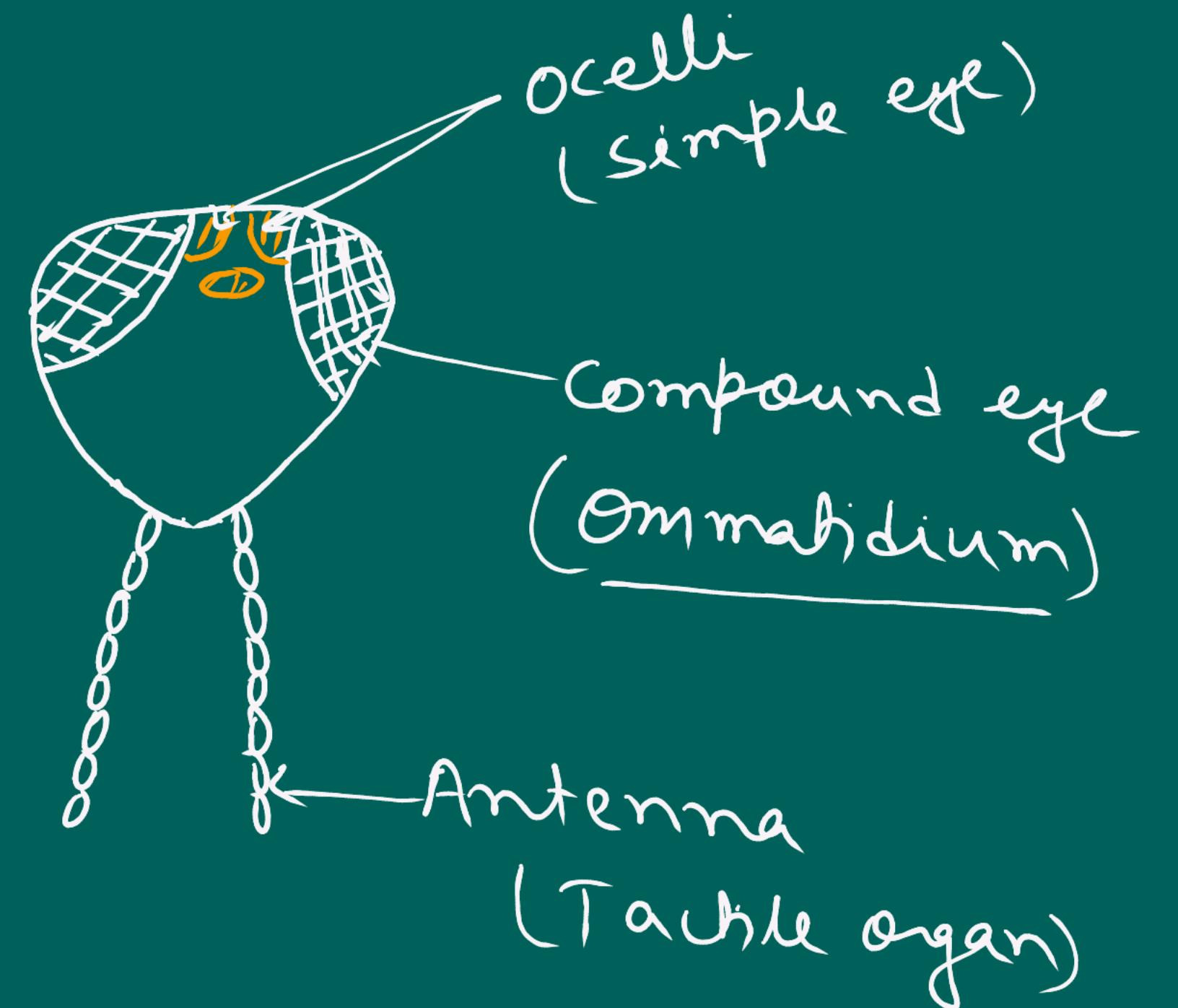
⇒ one pair of Antennae.

⇒ Mouth type

↳ chewing type

↳ Licking type

↳ sucking type.



Thorax -
3 segments.

⇒ Three Pairs of jointed legs.
(One pair on each segment of thorax on ventral side)

⇒ Two Pairs of wings
One pair on 1st segment & other
Pairs on 2nd seg. on dorsal side.

Abdomen :-
9 segments.
Female - 6 segments - Prominent.
Male - 7 segments - Prominent.

