

BIRZEIT UNIVERSITY

NAME: Meran Nasser – 1190803

Lab Invert

Kingdom protozoa:

1. S.N: Paramecium

Class the Aveolata

phylum Ciliophora

2. S.N: Dinoflagellate

Class the Aveolata

phylum Dinozoa

3. S.N: Plasmodium occyst

Class the Aveolata

phylum Apicomplexa

4. S.N: Entamoeba

Class the Ameobozoa

Phylum Gymnamoeba

5. S.N: Formamiferan Shells

Class the rhizaria

Phylum Foraminifera

6. S.N: Radiolarian Shells

Class the rhizaria

Phylum Radiozoa

7. S.N: Euglena

Class the Excavate

Phylum Euglenozoa

8. S.N: Giardia

Class the Excavate

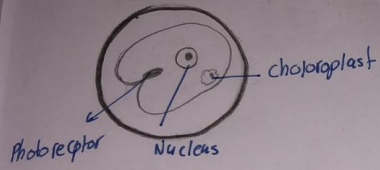
Phylum Euglenozoa

9. S.N: Trichomonas

Phylum parabasalia

Class the excavate

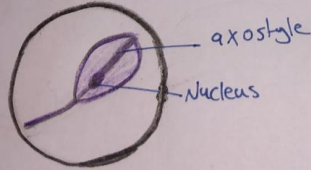
Kingdom Protozoa - 11/10/2020
 S. Name: Euglena.



40x : Magnification



S.N 8- Trichomonas.

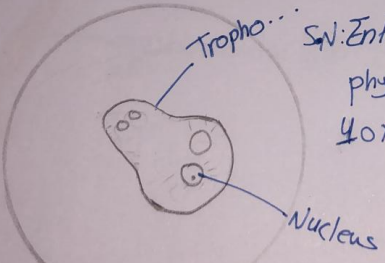


40x



S.N: Giardia
 phylum: Heterolosea
 40x

The Amoebosoa :-

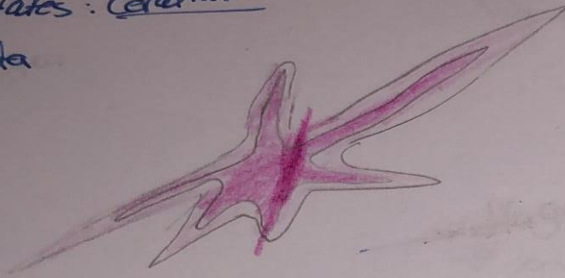


S.N: Entamoeba & Trophozoite
 phylum: Gymnamoeba
 40x

S.N: Dinoflagellates : ceratium

The Alveolata

40X



S.N: Foraminiferal shells



The Rhizaria

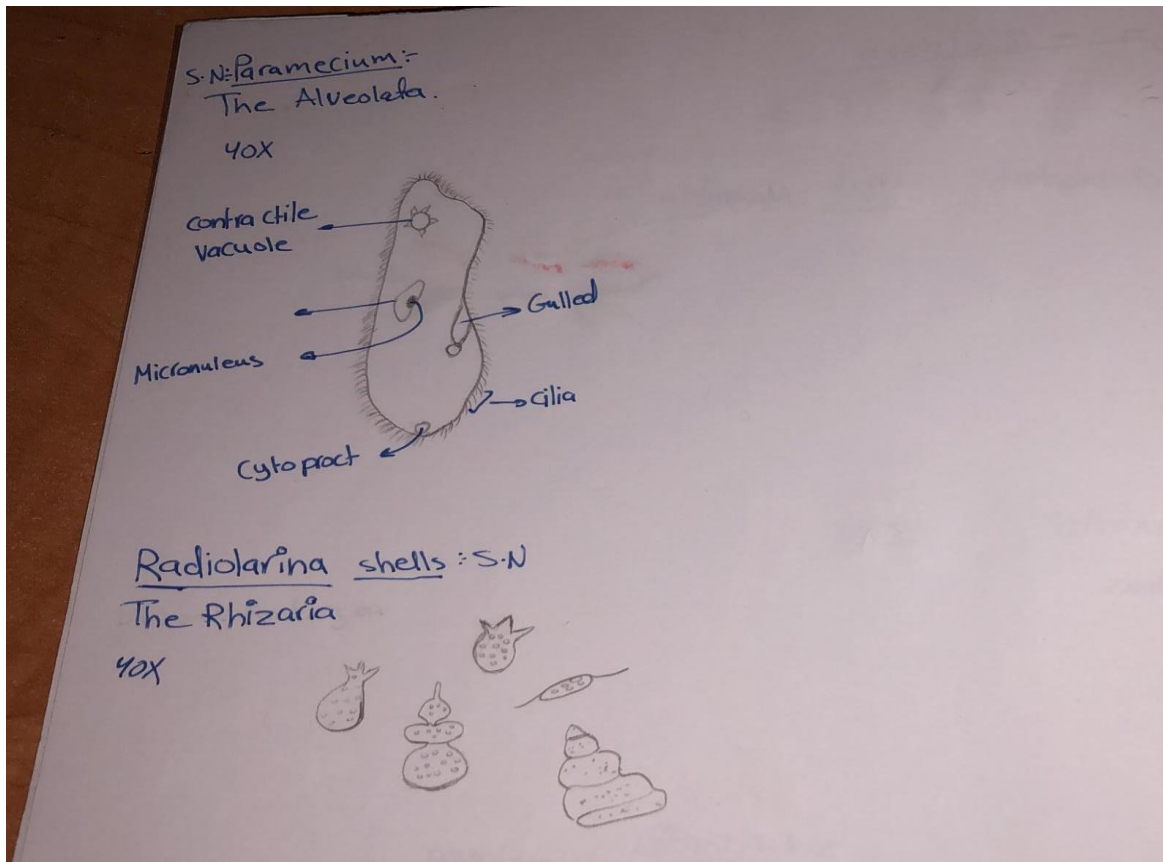
40X

plasmodium occyst :



tentacles

ocular



Kingdom Animalia

Phylum Cnidaria

1. S.N: Hydra

Subphylum Medusozoa

Class Hydrozoa (Water Animals).

2. S.N: Obelia colony

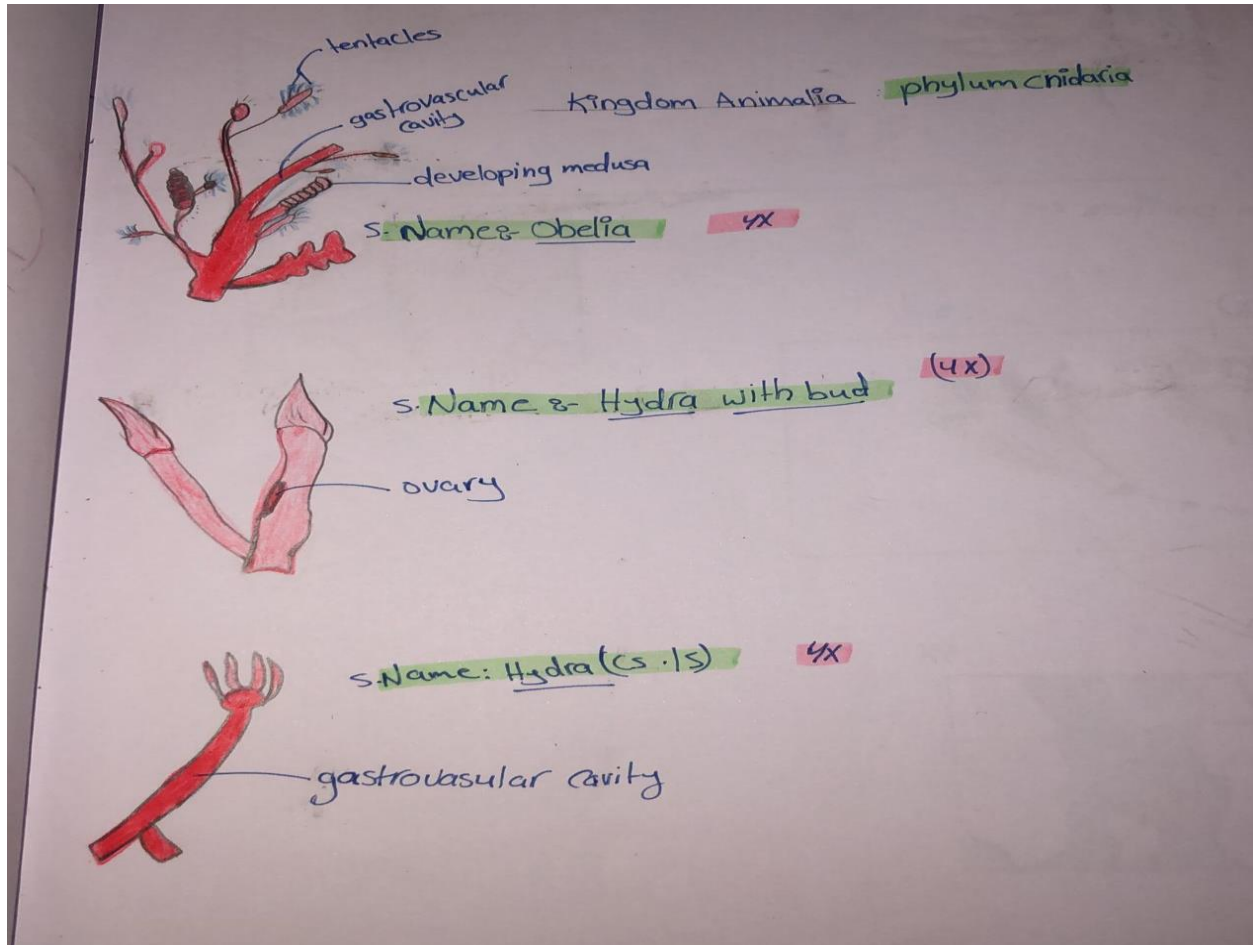
Subphylum Medusozoa

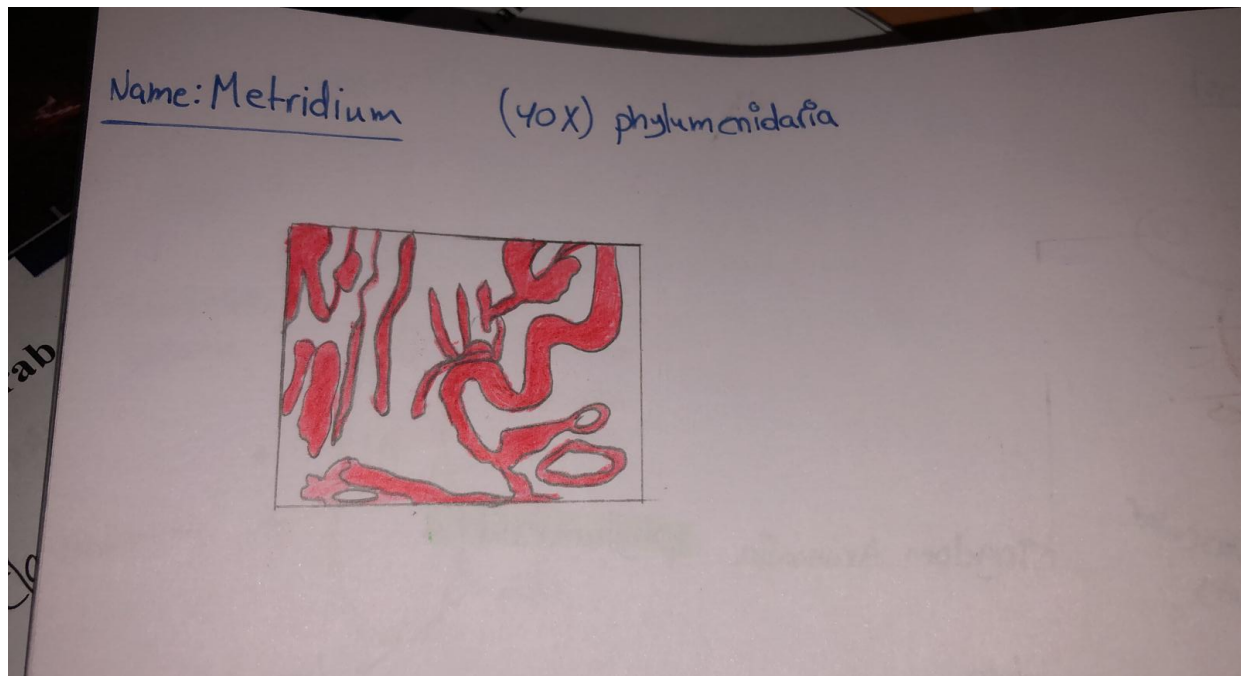
Class Hydrozoa (Water Animals)

3). S.N: Metridium

Subphylum non-Medusozoa

Class Anthozoa (flower Animals)





Kingdom Animalia

• Phylum Porifera:

1. S.N: Grantia

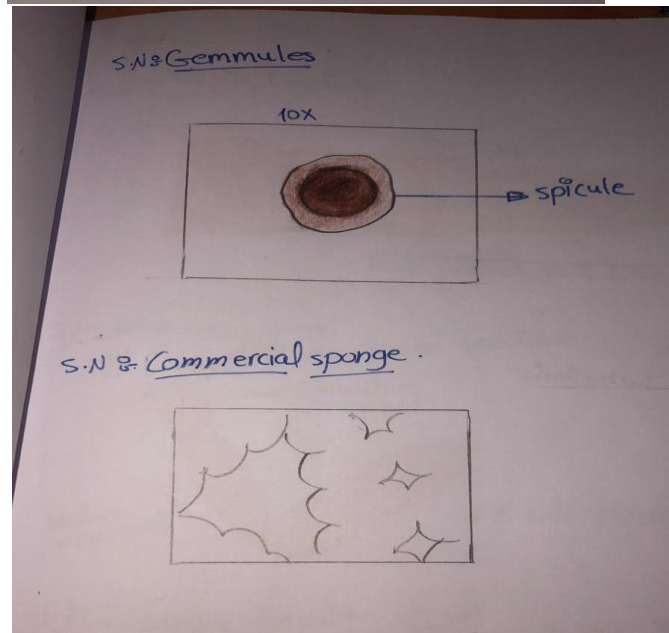
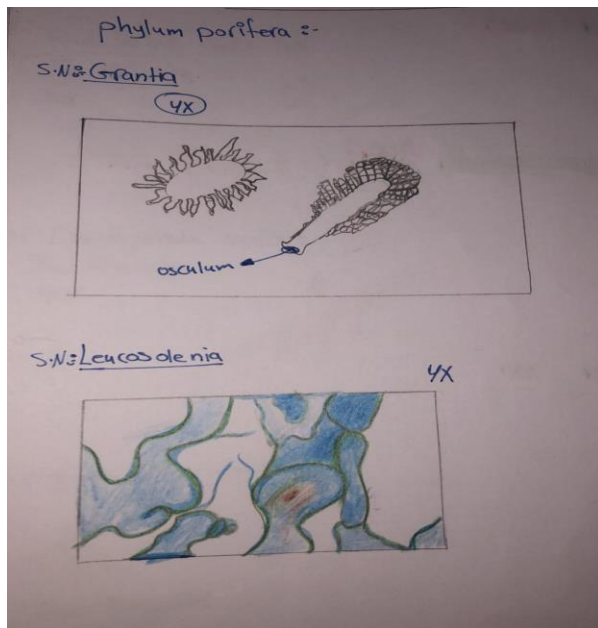
Class Calcarea

2. S.N: Gemmules of sponge

3. S.N: Leucosolenia W.M

Class Calcarea

4. S.N: Commerical sponge



Kingdom Animalia

• Phylum Platyhelminthes:

1. S.N: Planaria

Class Turbellaria

2. S.N: Fasciola hepatica

Class Trematoda

3. S.N: Schistosoma (Male, Female)

Class Trematoda

4. S.N: Taenia (immature segments)

Class Cestoda

5. S.N: Echinoccus (w.m)

Class Cestoda

6. S.N: Taenia solium (scolex)

Class Cestoda

7. S.N: Fasciola hepatica eggs

Class Trematoda

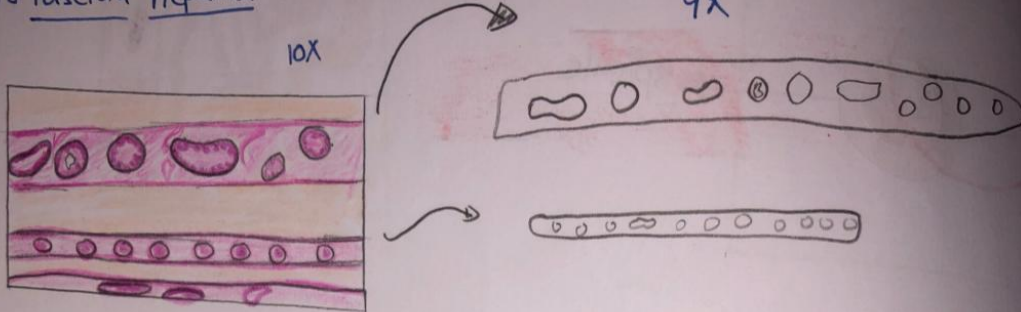
8). S.N: Echinoccus cyst

Class Cestoda

lab 2:

phylum platyhelminthes

S.N: Fasciola hepatica : class Trematoda

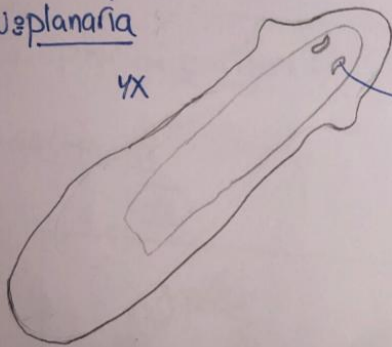


S.N: Planaria

4X

class Turbellaria

eyespots



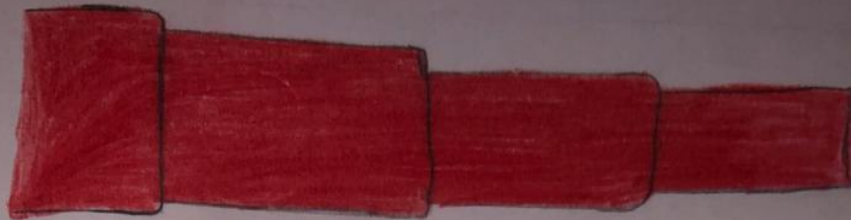
S.N: Schistosoma (Male) :- class Trematoda



4X

S.N. Taenia (mature)

4X



S.N. Echinococcus (w.m)

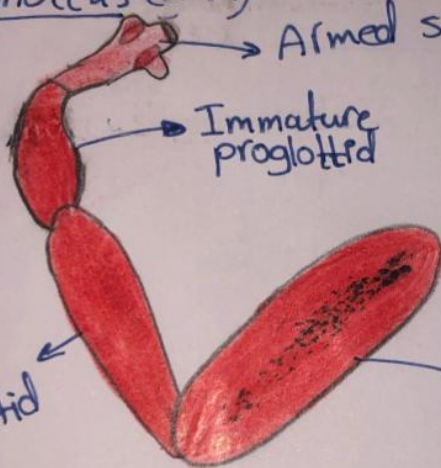
Armed scolices

4X

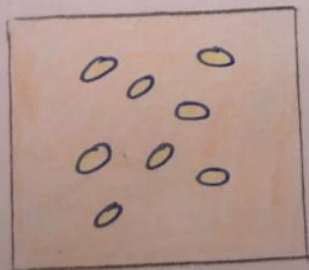
Immature proglottid

Mature proglottid

Gravid proglottid



⑦ Fasciola hepatica eggs:



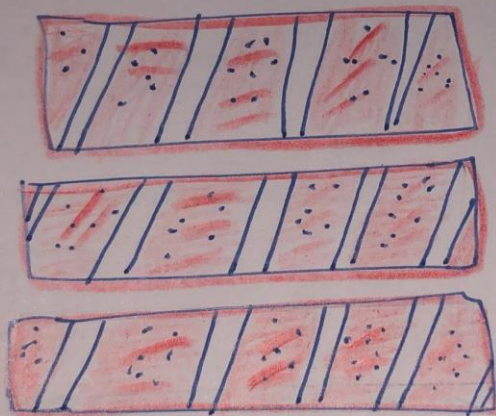
S.N & Taenia solium (scolex) & Class cestoda

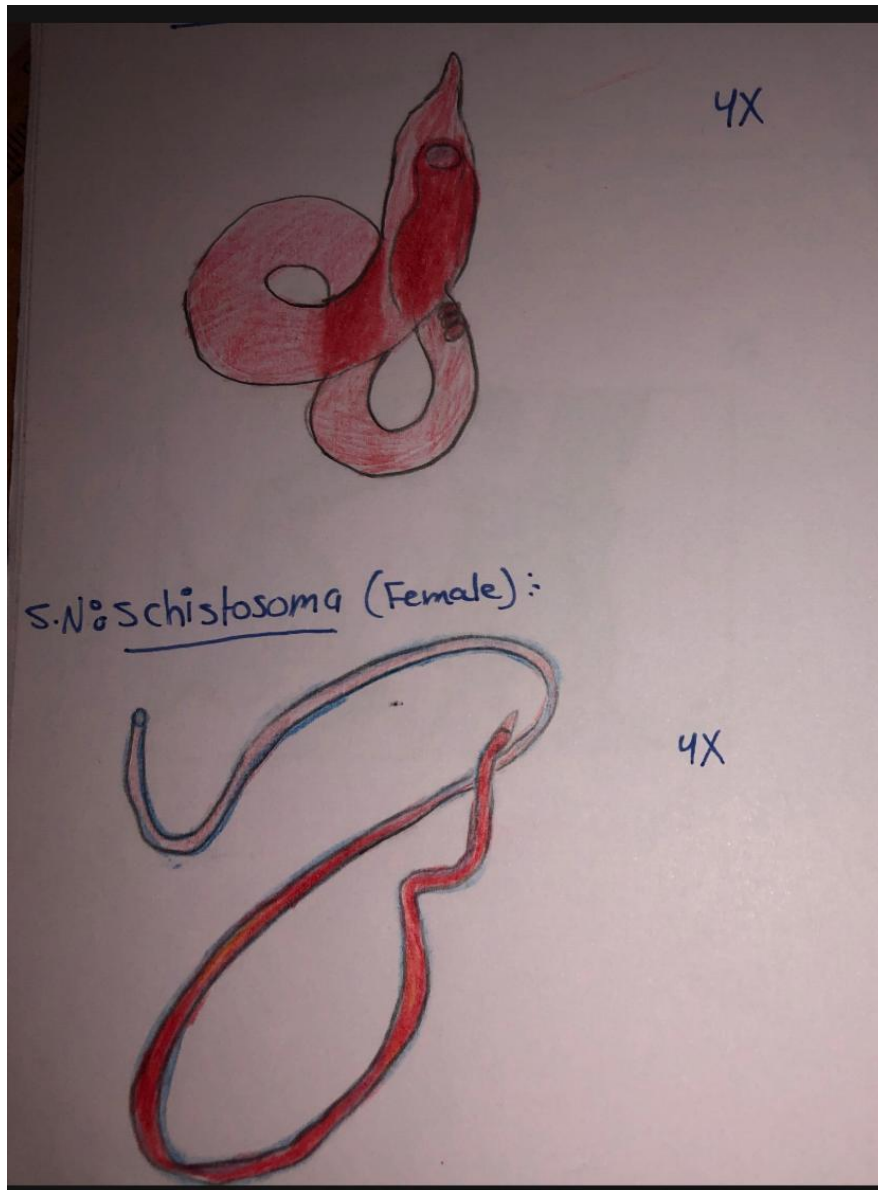


4X

S. Name & Echinococcus cyst

4X





Kingdom Animalia

- Phylum Annelida

1. S.N: Nereis parapodium

Class Polychaeta

2. S.N: Earthworm intestinal region C.S

Class Clitellata

Subclass Oligochaete

3. S.N: Lumbricus seta (C.S)

Class Clitellata

Subclass Oligochaete

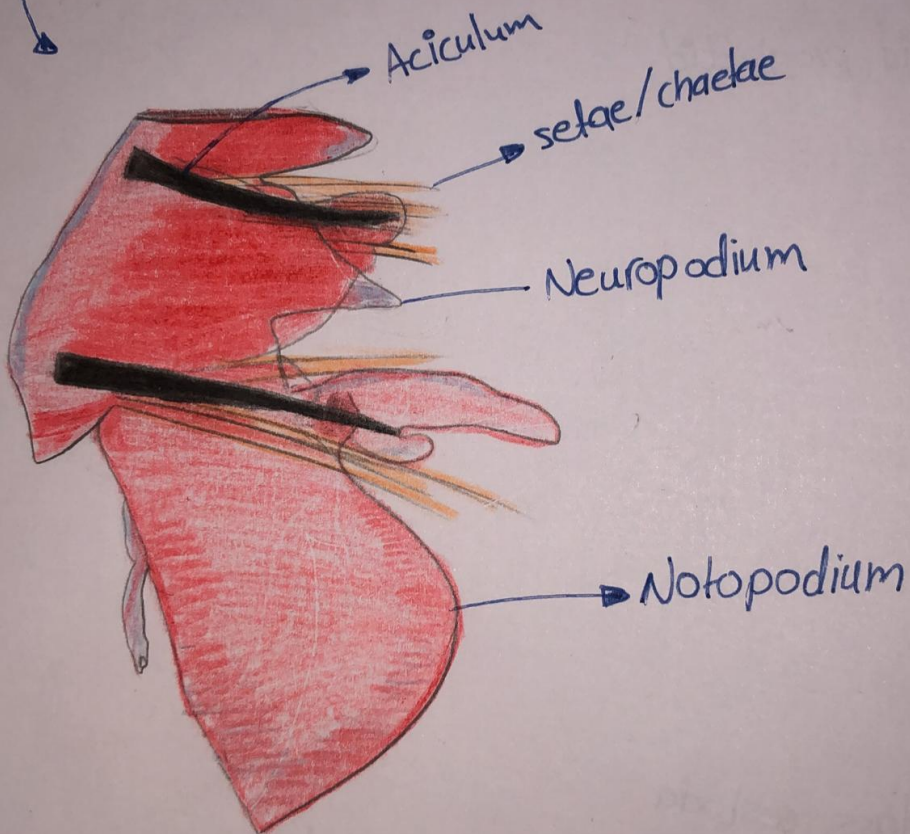
4. S.N: Lumbricus terrestris

Class Clitellata

Subclass Oligochaete

Name :- Nereis parapodium.

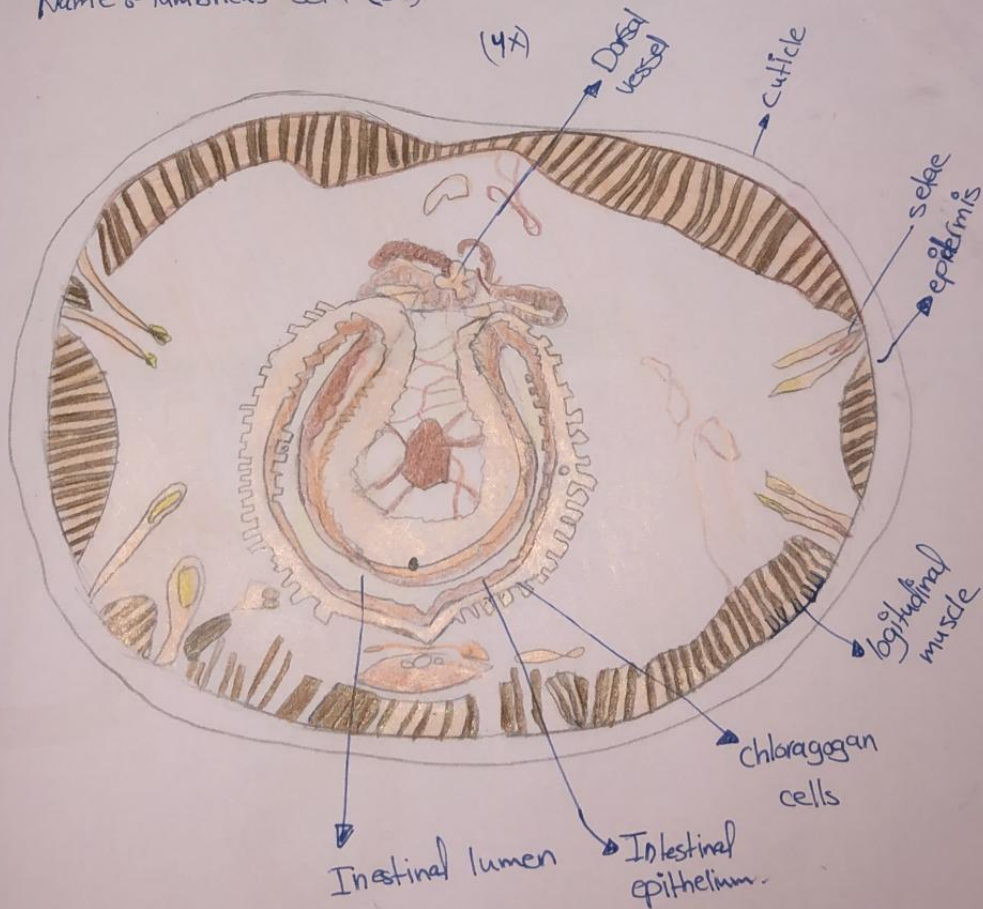
phylum Annelida

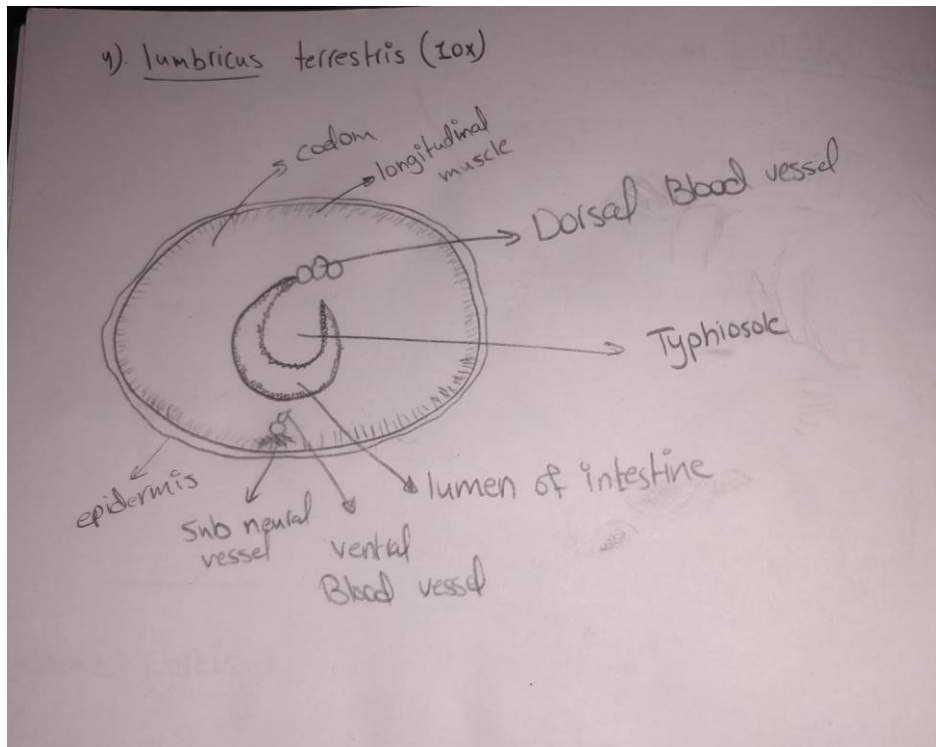


Name :- Earthworm intestinal region c.s



Name :- lumbricus seta (c.s)





Kingdom Animalia

• phylum Nematode:

1. S.N: Trichuris trichuris (Female, Male)

Class Dorylaimia.

2. S.N: Trichinella spiralis (Female)

Class Dorylaimia

3. S.N: Ascaris lumbricoides: male & Female C.S

Class Chromadoria

4. S.N: Trichuris trichuria, eggs (w.m)

Class Dorylaimia

5. S.N: Wucheria, microfilaria blood smear

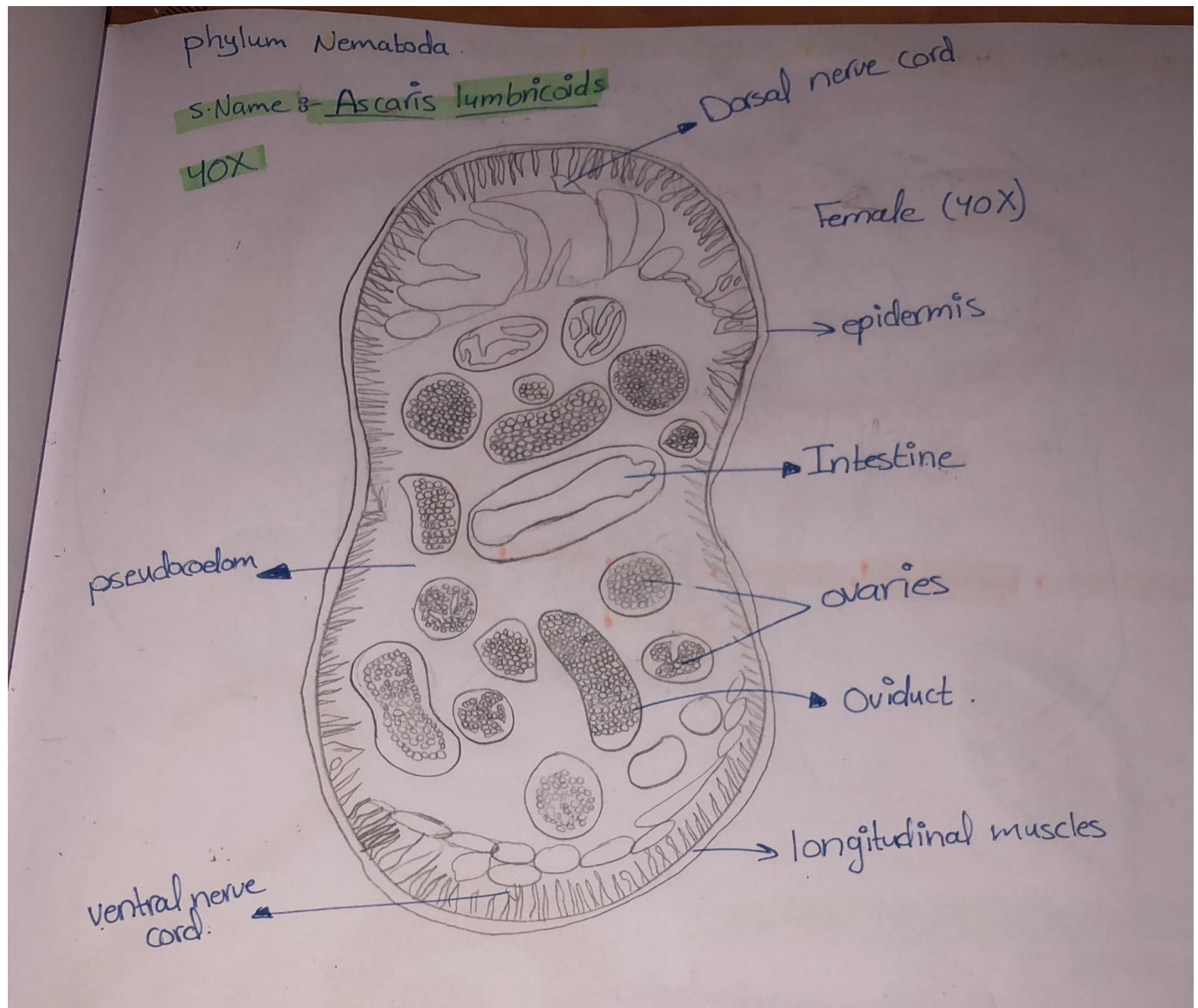
Class Chromadoria

6. S.N: Enterobius vermicularis

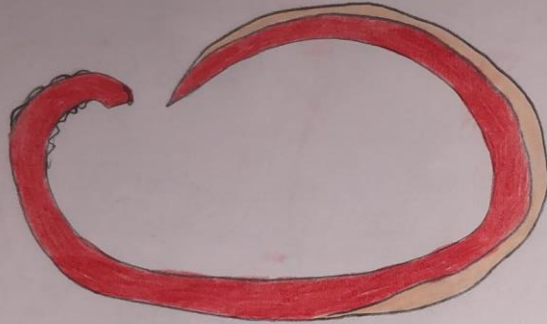
Class Chromadorea

7. S.N: Ancylostoma duodenale female (w.m)

Class Chromadorea



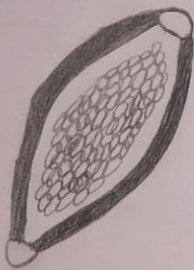
S. Name :- Ancylostoma duodenale female (10x)
(w.m)



S. Name :- Trichuris trichiura Eggs (w.m)

(10x)

Magnification



S. Name :-

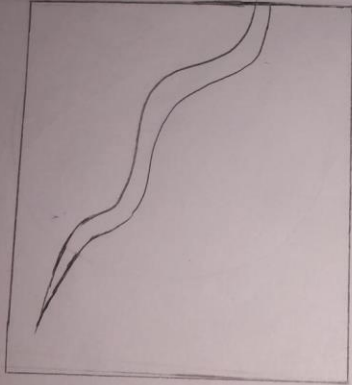
Trichinella spiralis

(Female)

10x

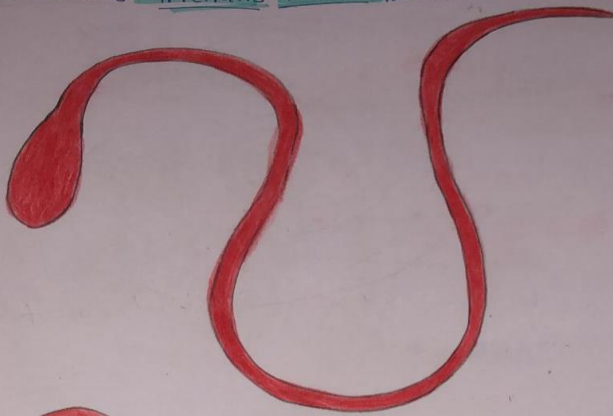


S. Name :- Enterobius vermicularis



S. Name :- Trichuris trichuris female

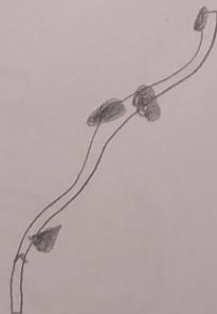
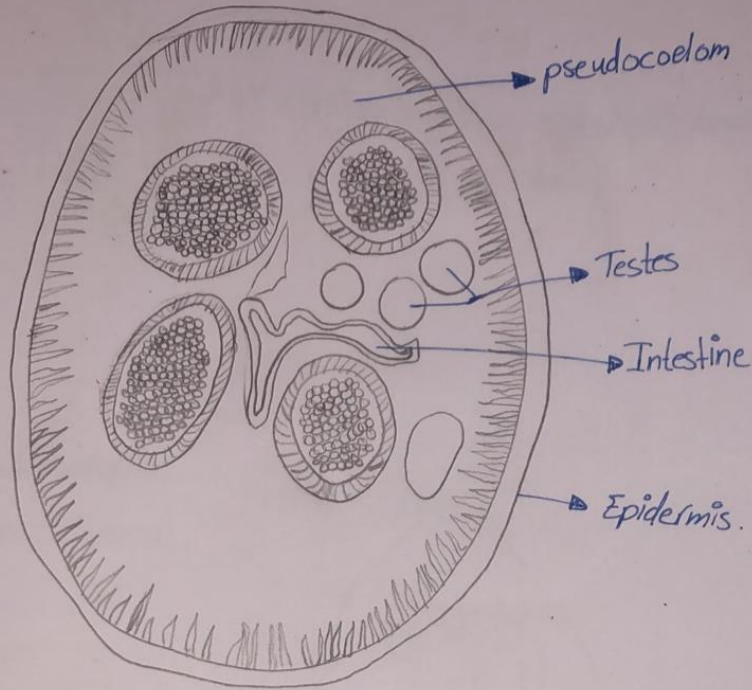
(10X)
Magnification



S. Name :- Trichuris trichuris
male

Magnification: 10X

S. Name & Ascaris lumbricoides (Male) (40x)
Magnification



S. Name: Wuchereria bancrofti microfilariae (blood smear)

(40x)

Kingdom Animalia

• Phylum Mollusca:

1. S.N: Rediae and carariae

Class Gastropoda

2. S.N: Snail radula (W.M)

Class Gastropoda

3. S.N: Calliostoma veliger larvae

Class Gastropoda

4. S.N: Limpet

Class Gastropoda

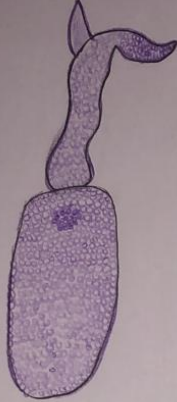
5. S.N: Clams mussels

Class Bivalvia

phylum Mollusca

Class Gastropoda

S. Name :- Radicle and Caracariae , Magnification :- 40x



Class Gastropoda

S. Name :- Snail Radula
(w.m)

10x: Magnification



S. Name & Calliostoma veliger larvae
Class Gastropoda.

Magnification &
1) 40x , 2) 10x

(1)

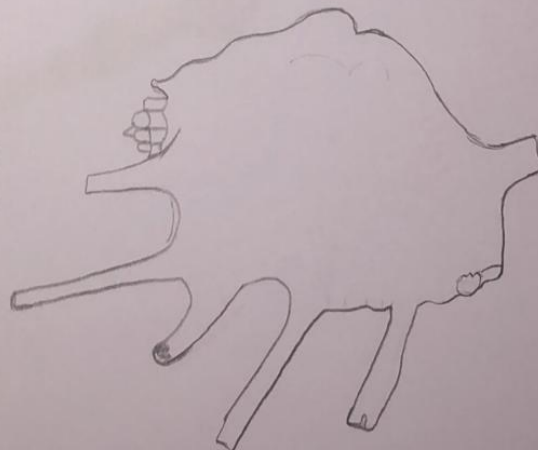
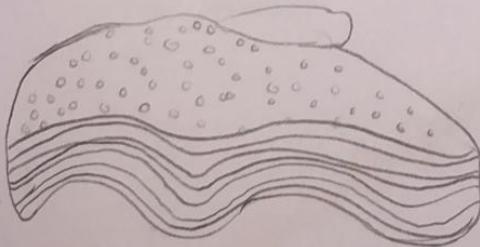


(2)



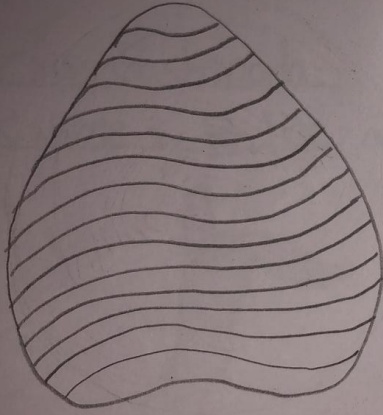
Class Gastropoda.

S. Name : Limpet



Class Bivalvia.

S. Name :- Clams mussels.



Kingdom Animalia

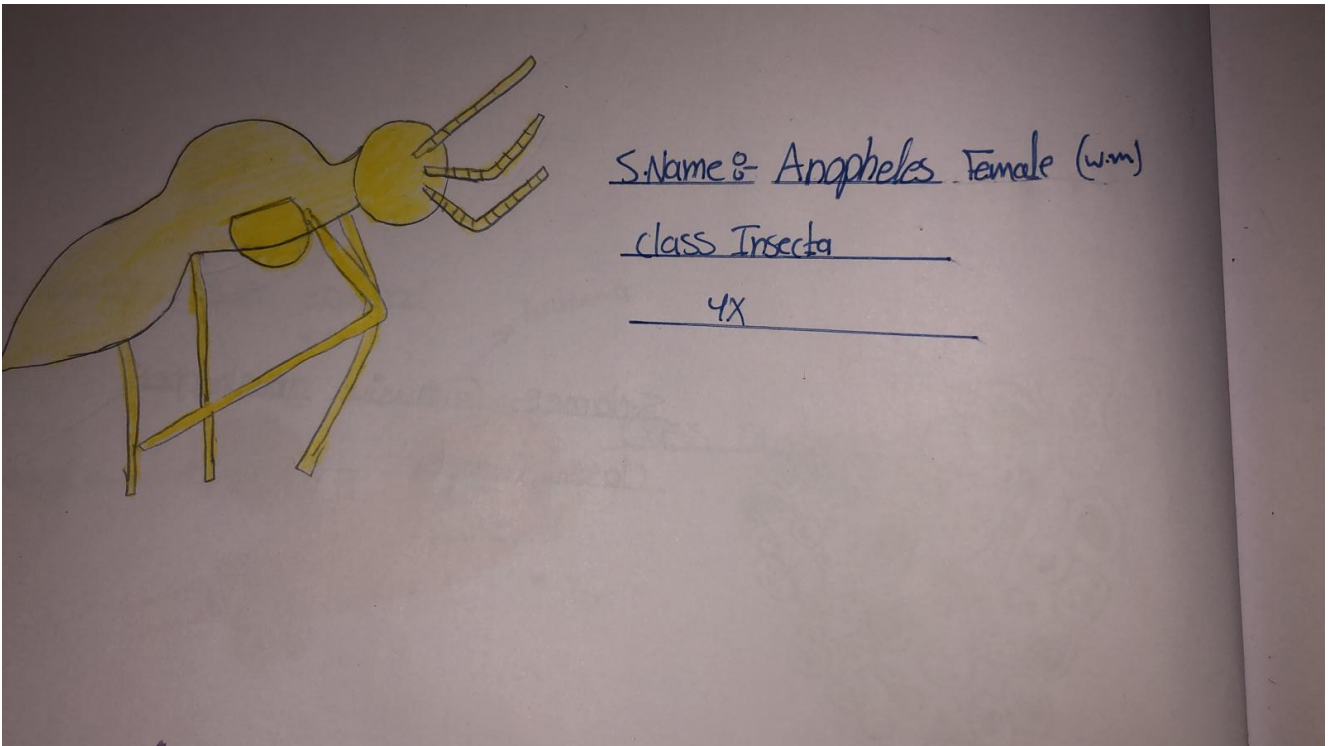
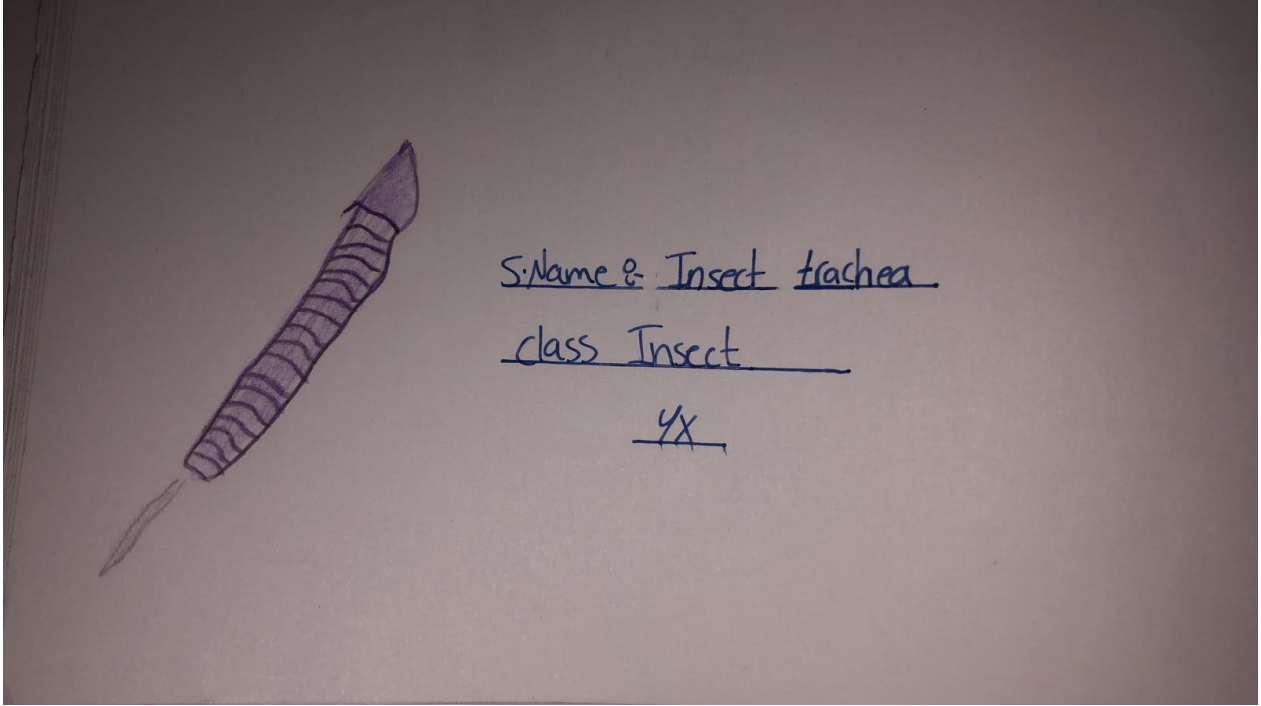
Phylum Arthropoda:



S.Name: Zoea of crab
class Merostomata
4x



S.Name: Daphnia
class Crustacea
10x

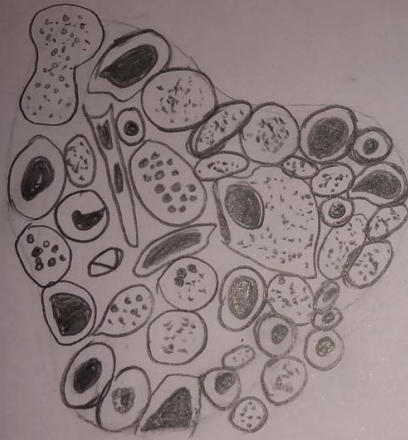




S.Name:- Insect wing house fly.

class Insecta.

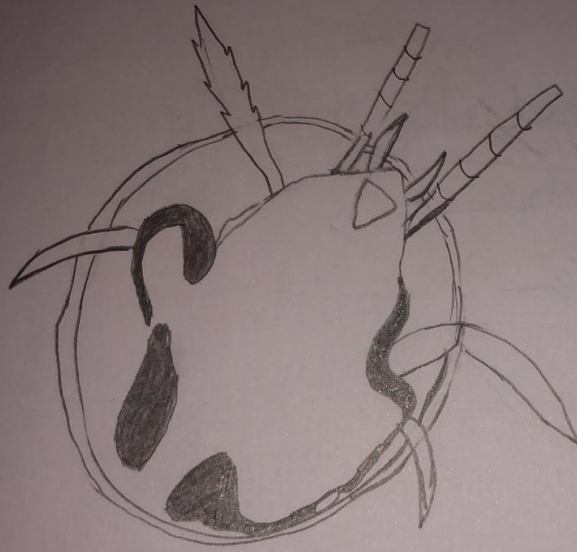
4x



S.Name:- Garausius grasshopper

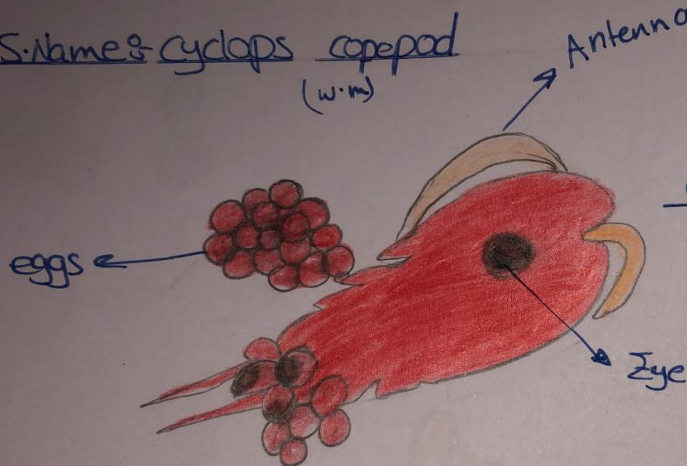
class Insecta.

4x



S. Name is Mite
Class Arachnida
10X

S. Name is Cyclops copepod
 (w.m)
 10X



Class Crustacea.

class Insecta Magnification:- 4X

S. Name:- Flea (w.m)

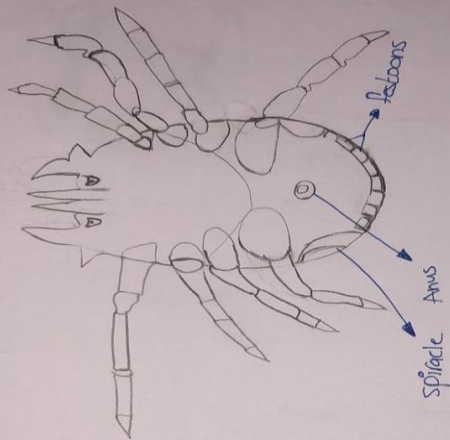


phylum Arthropoda

S. Name:- Tick

class Arachnida, Magnification:-

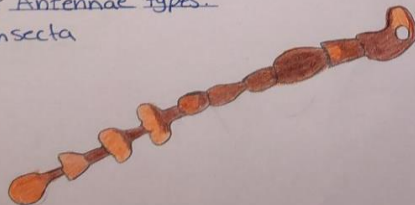
10X

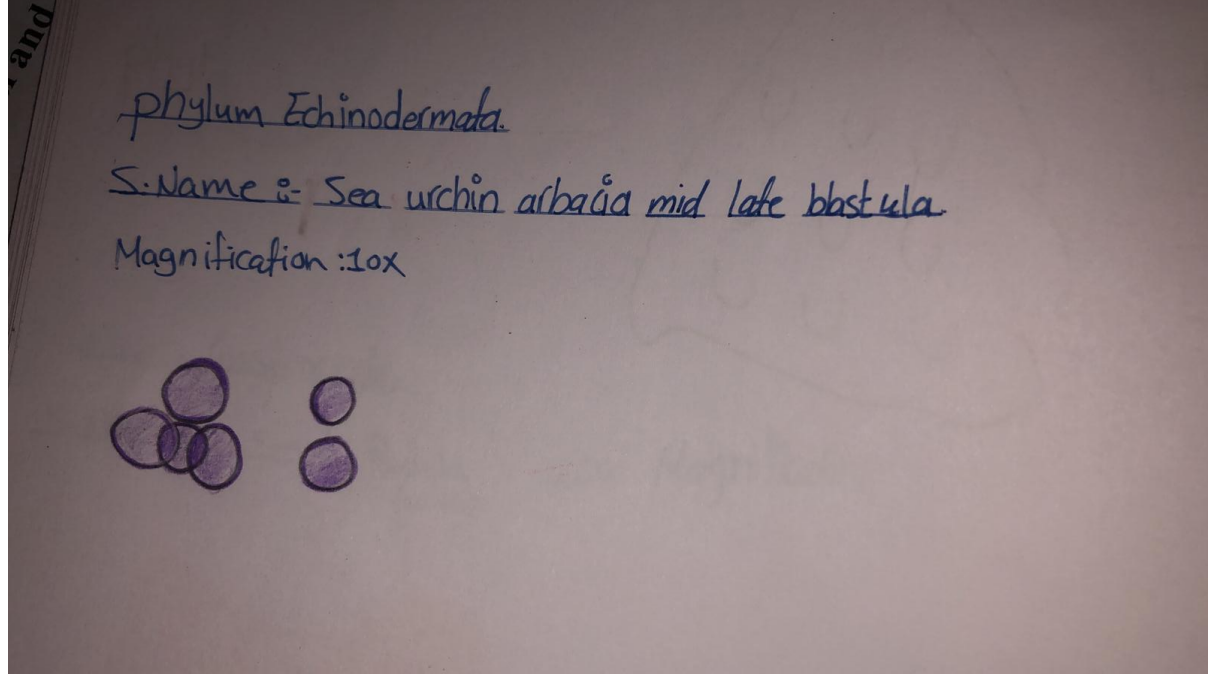


S. Name:- Antennae types

class Insecta

4X





يعطيك العافية أستاذ على جهودك معنا.