

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: Formaminiferan 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

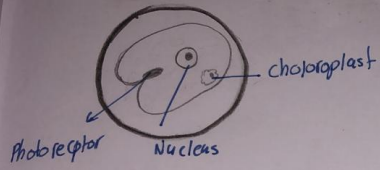
Phylum Euglenozoa

9. S.N: Trichomonas

Phylum parabasalia

Class the excavate

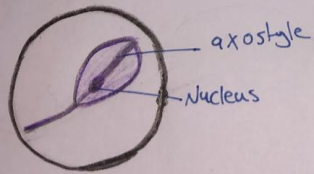
Kingdom Protista - 11/10/2020
S.No: Euglena.



40x : Magnification



S.No - Trichomonas.



40x

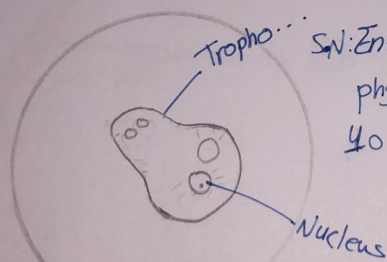
4x



S.No: Giardia
phylum: Heterolosea

40x

The Amoebosoa :-



S.No: Entamoeba & Trophozoite

phylum: Gymnamoeba

40x

S.N: Dinoflagellates : Ceratium

The Alveolata

40X



S.N: Foraminiferal shells



The Rhizaria

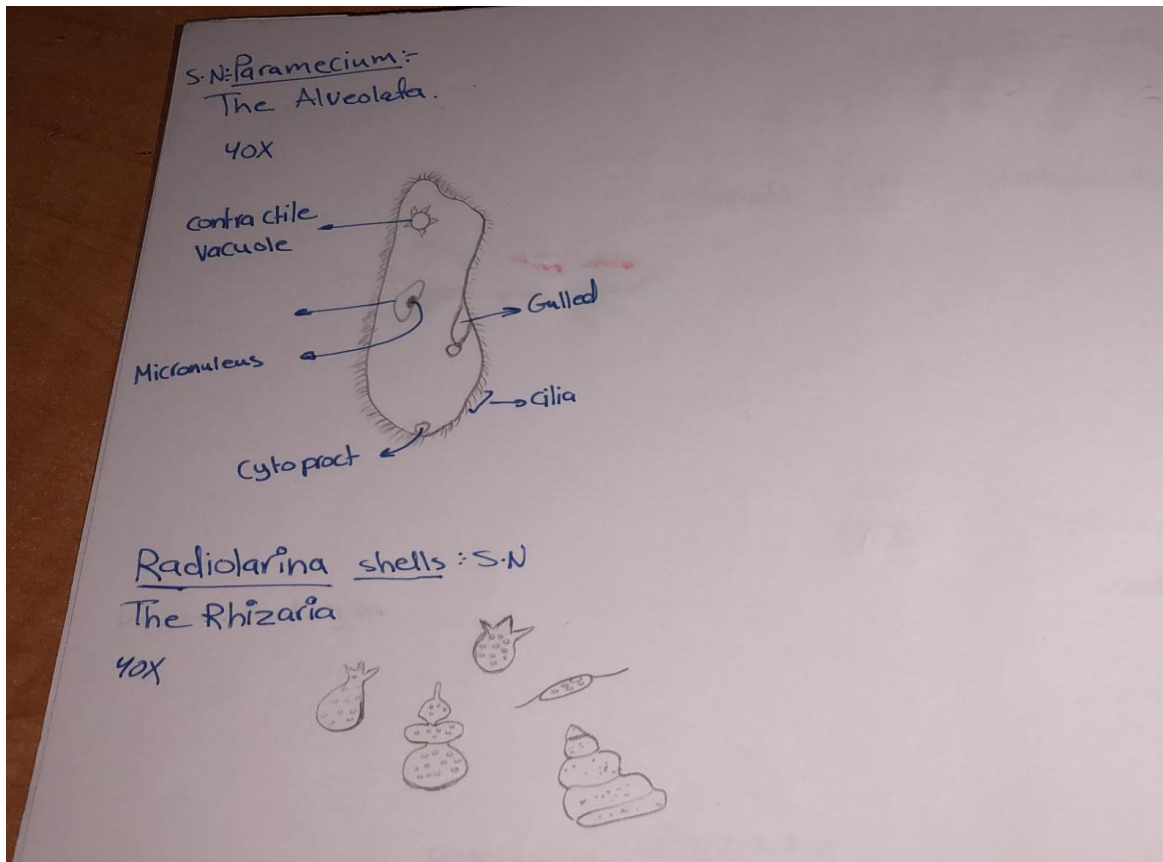
40X

plasmodium ocyst :



tentacles

ocular



Kingdom Animalia

Phylum Cnidaria

1. S.N: Hydra

Subphylum Medusozoa

Class Hydrozoa (Water Animals).

2. S.N: Obelia colony

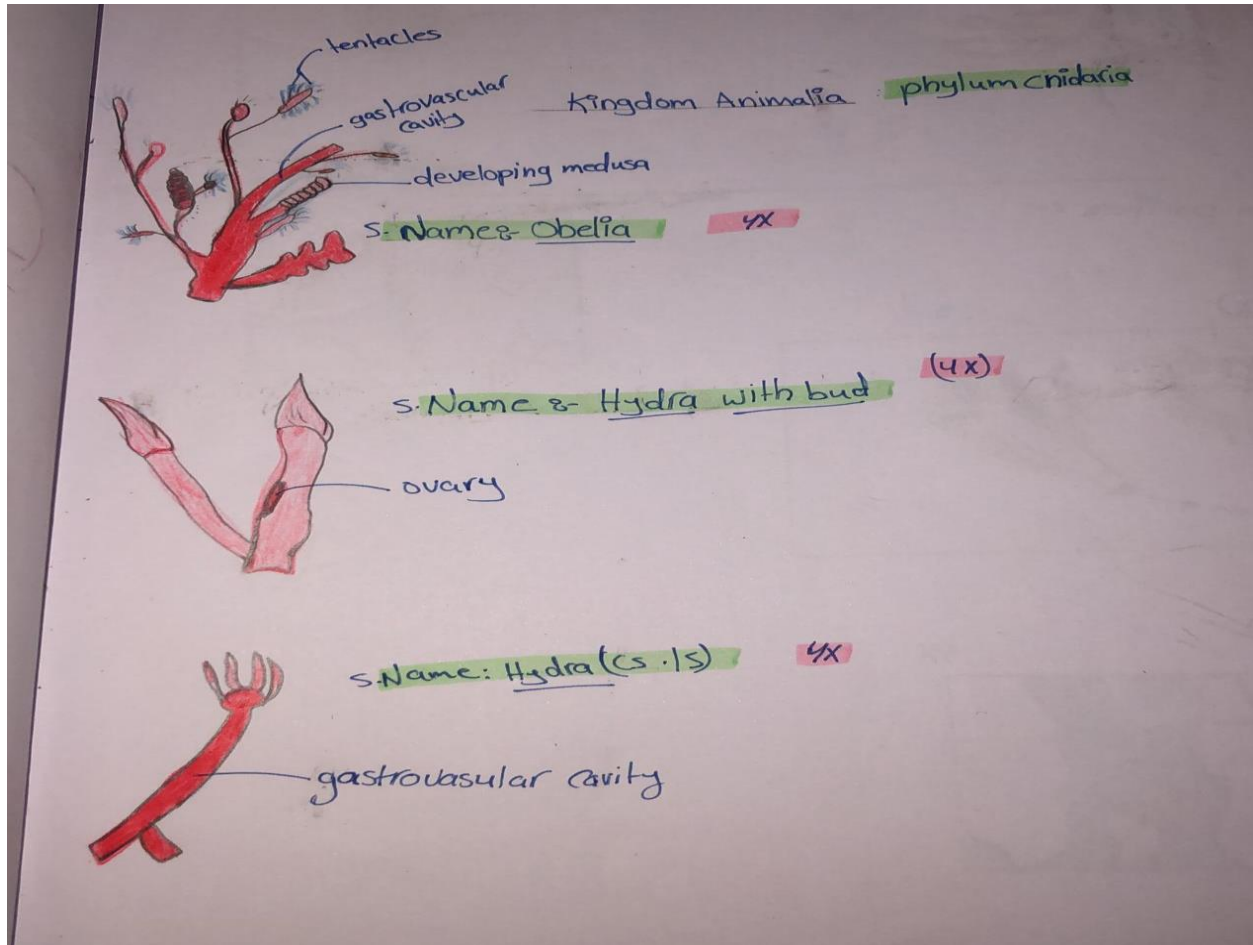
Subphylum Medusozoa

Class Hydrozoa (Water Animals)

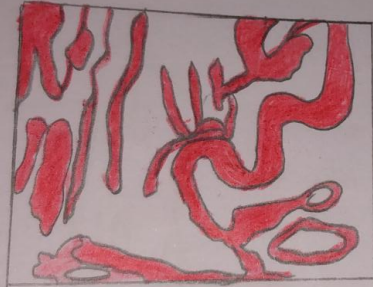
3). S.N: Metridium

Subphylum non-Medusozoa

Class Anthozoa (flower Animals)



Name: Metridium (40X) phylum cnidaria



Kingdom Animalia

• Phylum Porifera:

1. S.N: Grantia

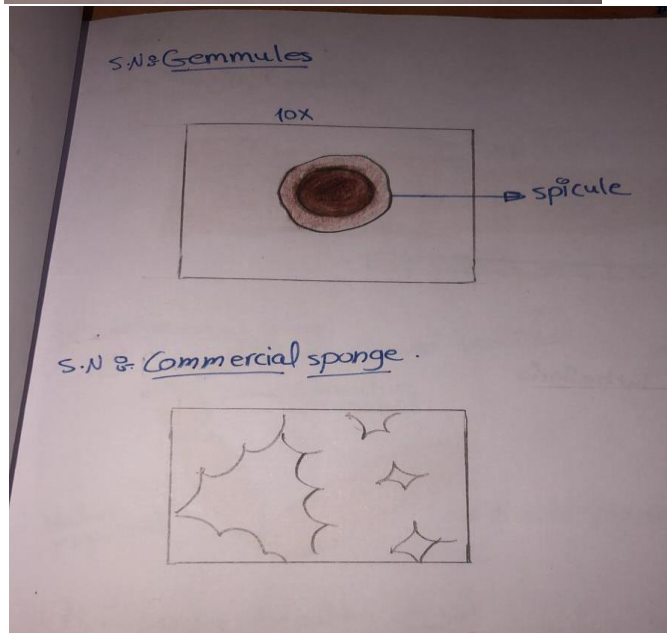
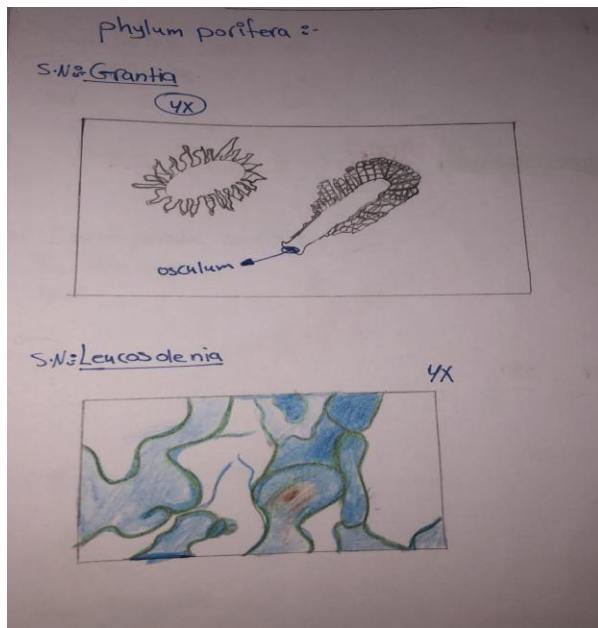
Class Calcarea

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

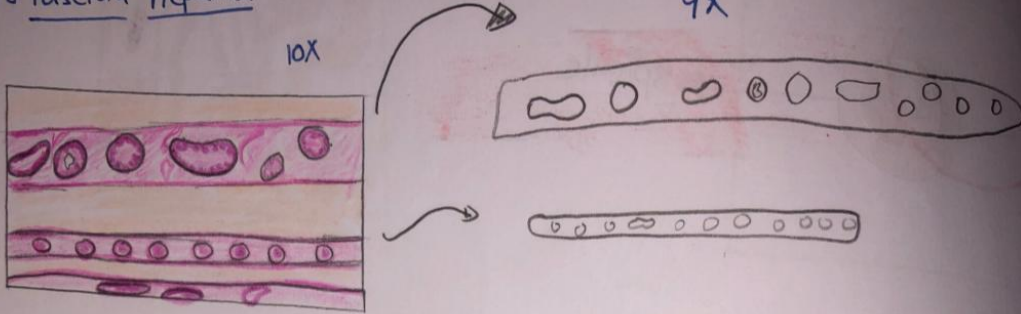
8). S.N: Echinoccus cyst

Class Cestoda

lab 2:

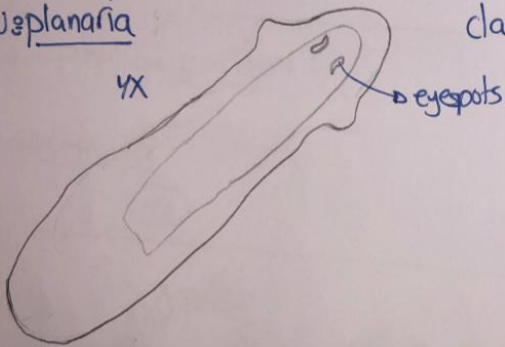
phylum platyhelminthes

S.N: Fasciola hepatica : class Trematoda



S.N: Planaria

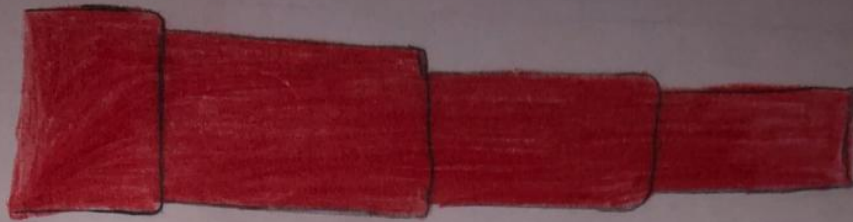
class Turbellaria



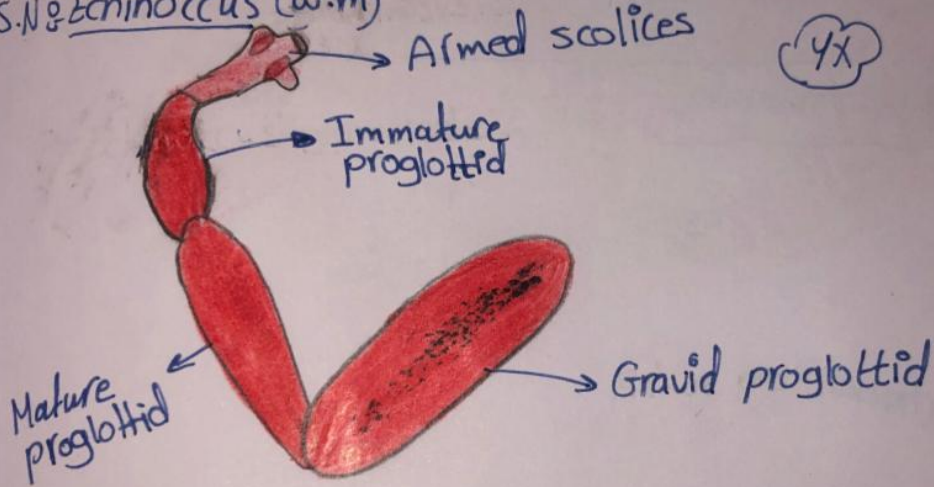
S.N: Schistosoma (Male) :- class Trematoda



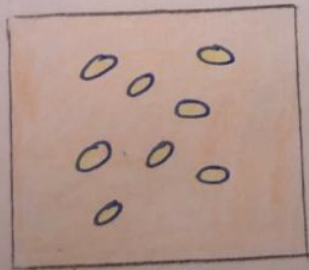
S.N. & Taenia (mature) (4x)



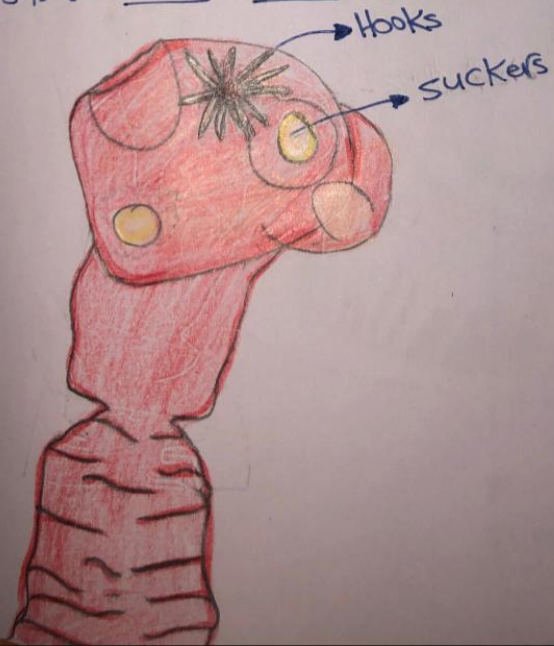
S.N. & Echinococcus (w.m) (4x)



⑦ Fasciola hepatica eggs:



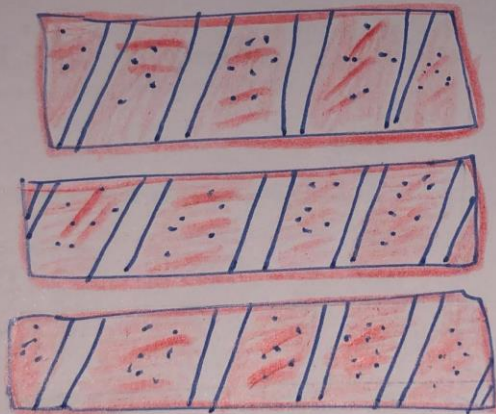
S.N of Taenia solium (scolex) & class cestoda

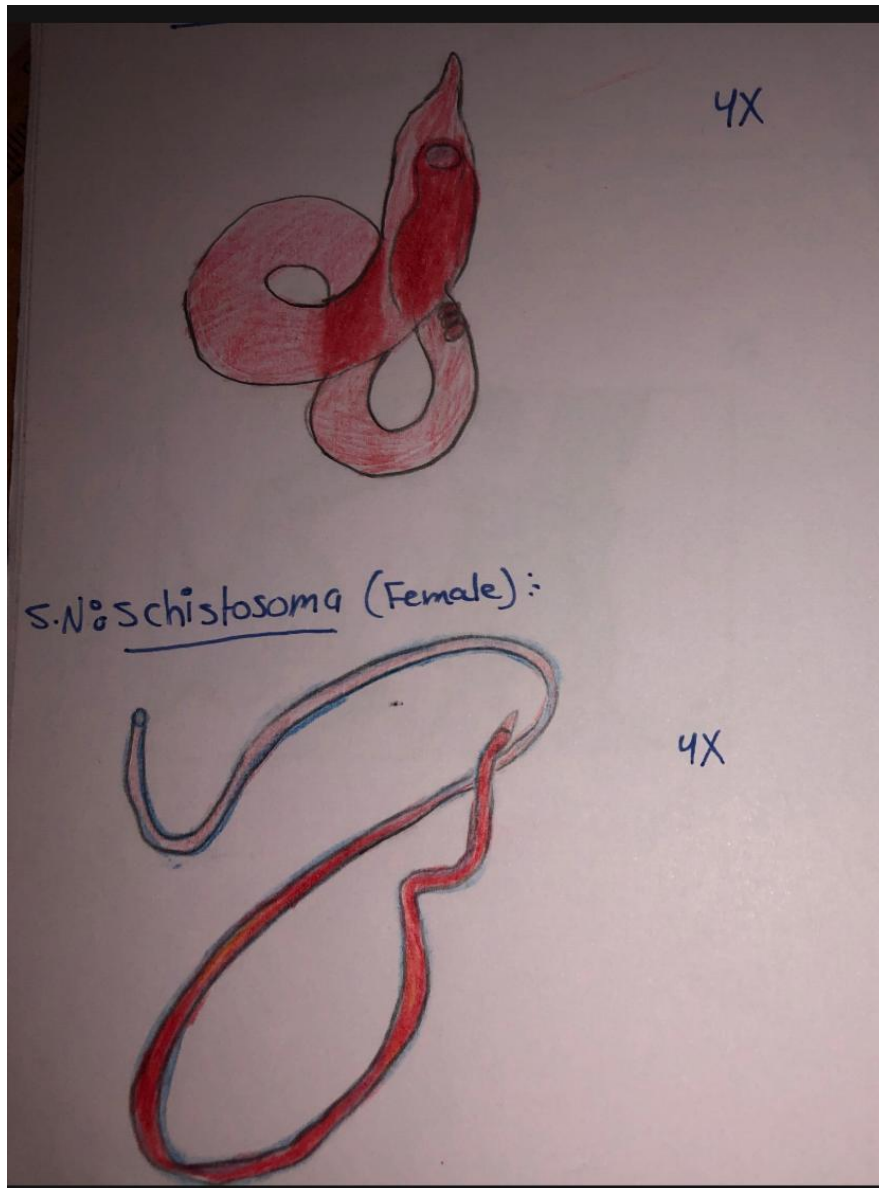


4X

S. Name of 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

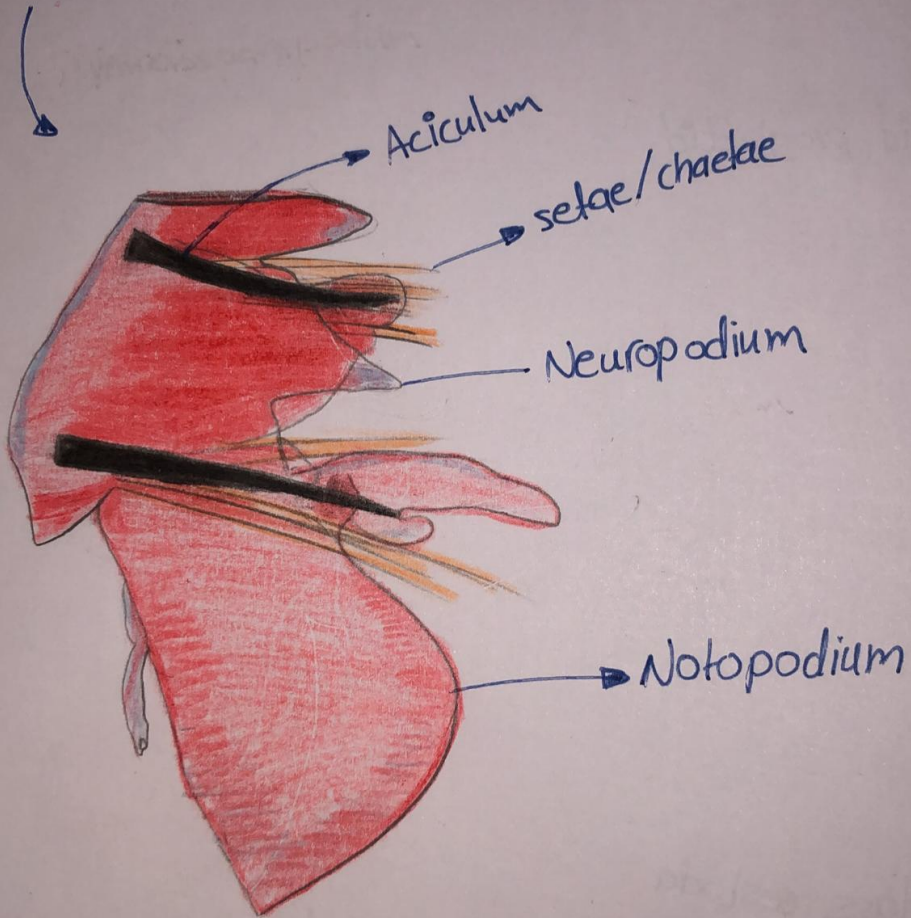
4. S.N: Lumbricus terrestris

Class Clitellata

Subclass Oligochaete

Name :- Nereis parapodium.

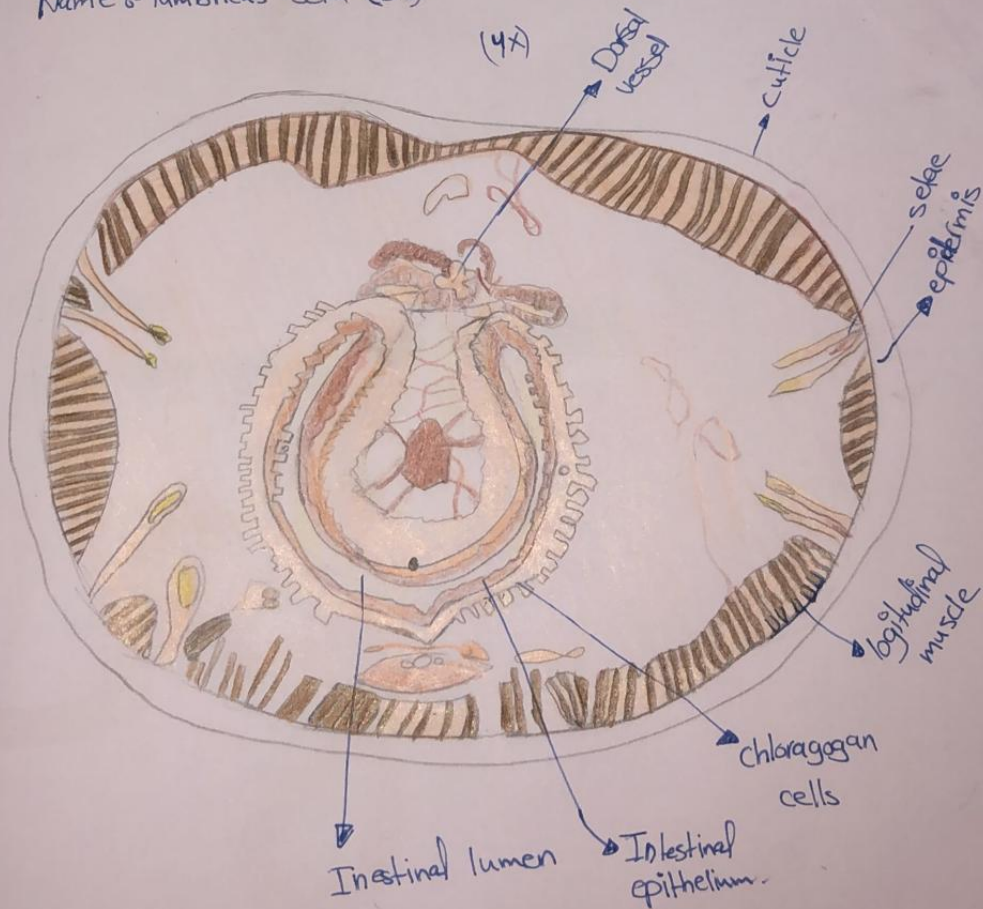
phylum Annelida

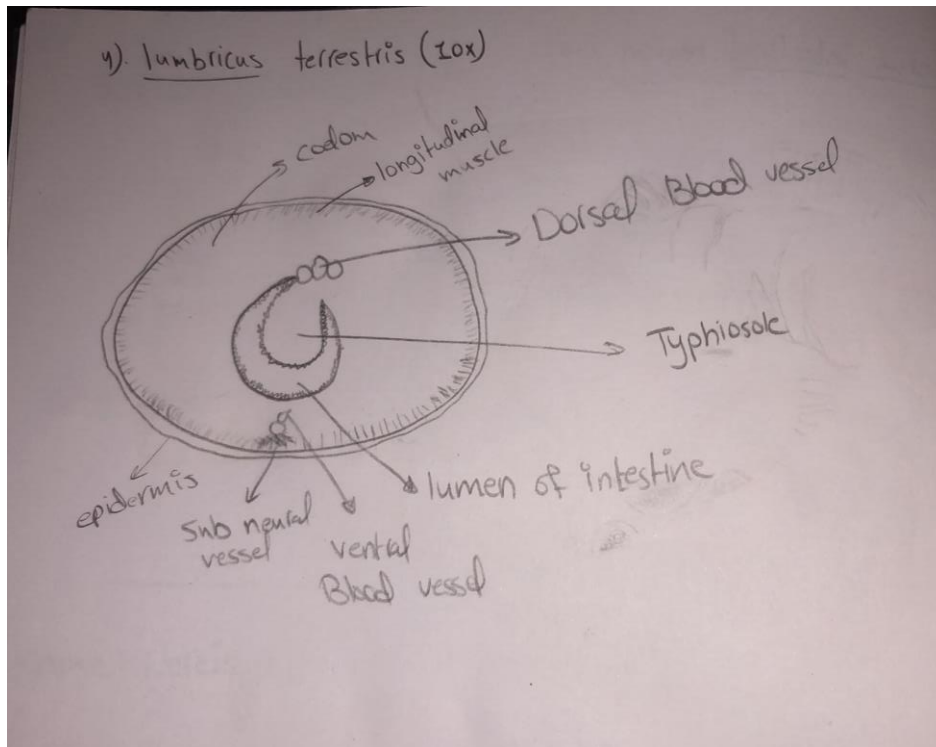


Name :- Earthworm intestinal region c.s



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: Wuchereia, microfilaria blood smear

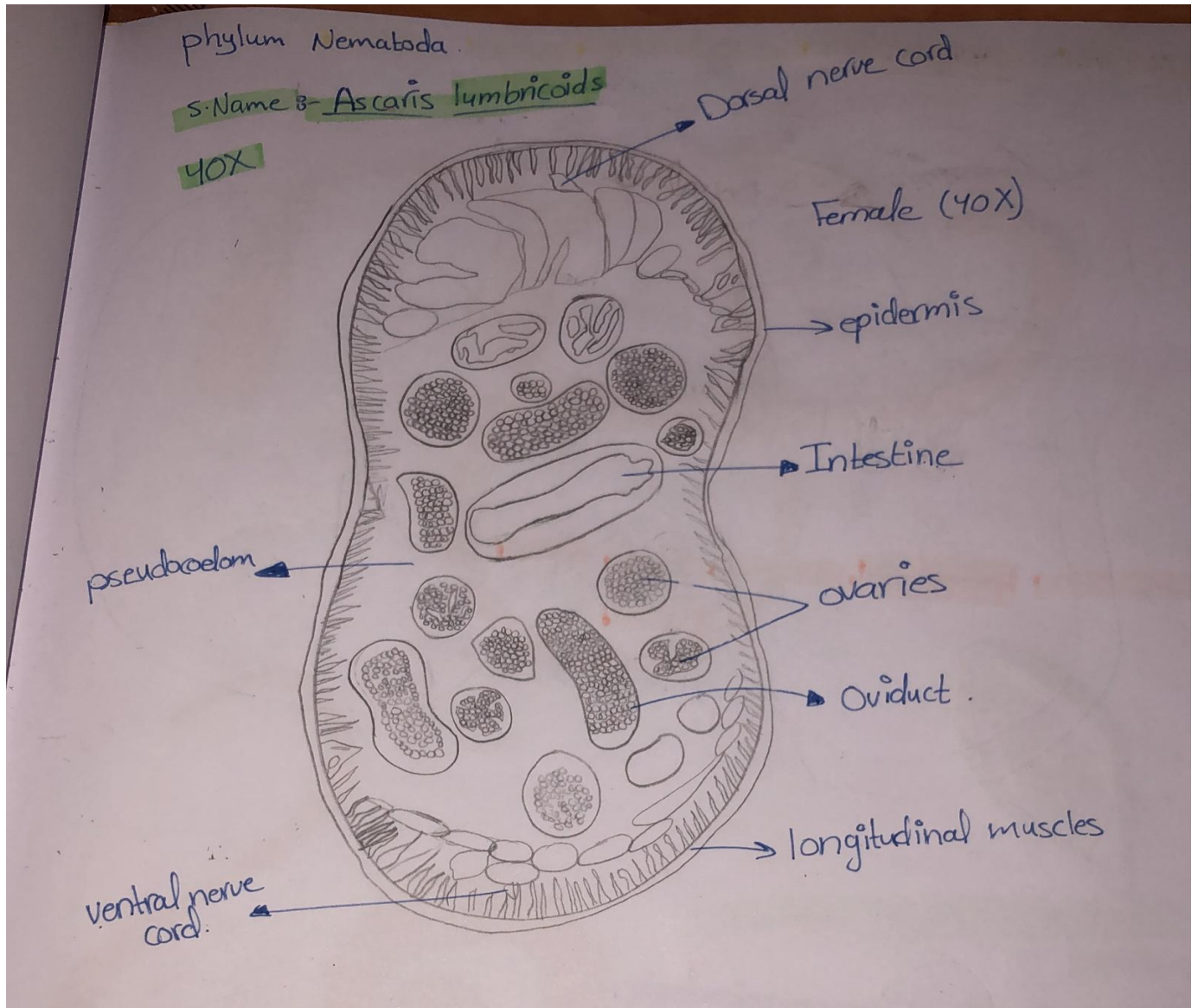
Class Chromadoria

6. S.N: Enterobius vermicularis

Class Chromadorea

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

Class Chromadorea

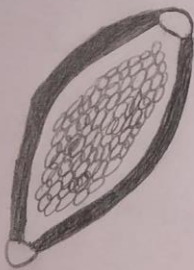


S. Name :- Ancylostoma duodenale female (10x)
(w.m)



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

(10x)
Magnification



S. Name :-

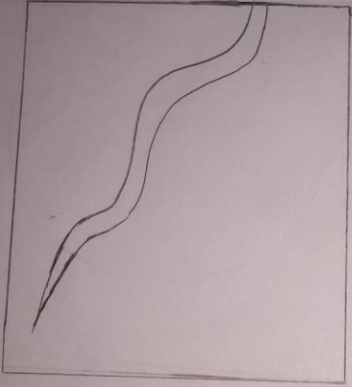
Trichinella spiralis

(Female)

10x

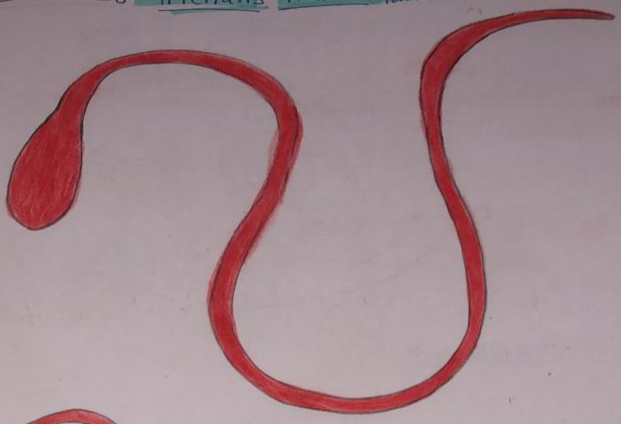


S. Name: Enterobius vermicularis



S. Name: Trichuris trichiuris female

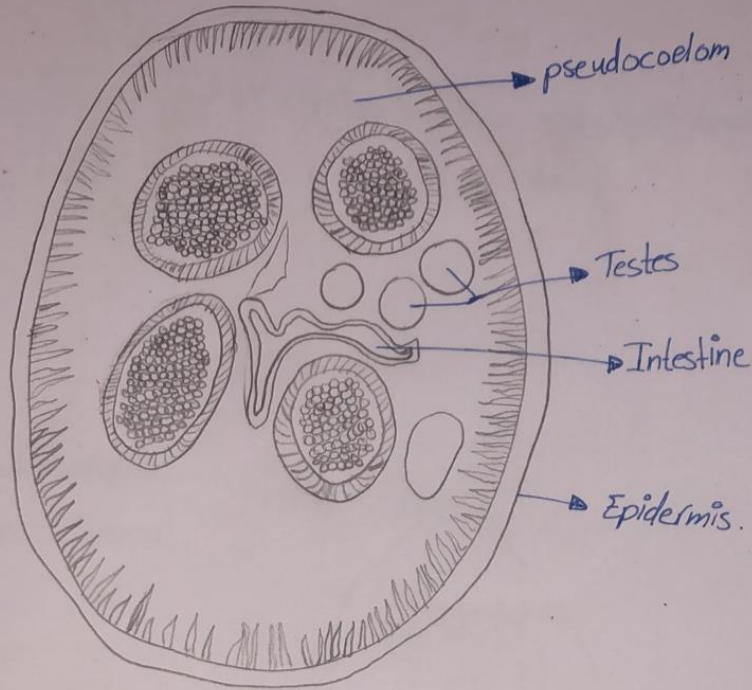
10X
Magnification



S. Name: Trichuris trichiuris
male

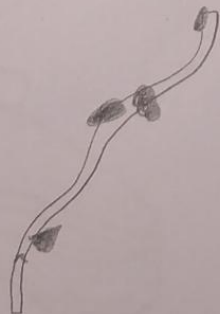
Magnification: 10X

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



S. Name: Wuchereria bancrofti (blood smear)

(40x)



Kingdom Animalia

• Phylum Mollusca:

1. S.N: Rediae and carcariae

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

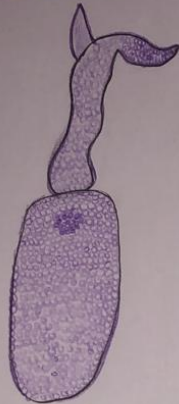
5. S.N: Clams mussels

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)

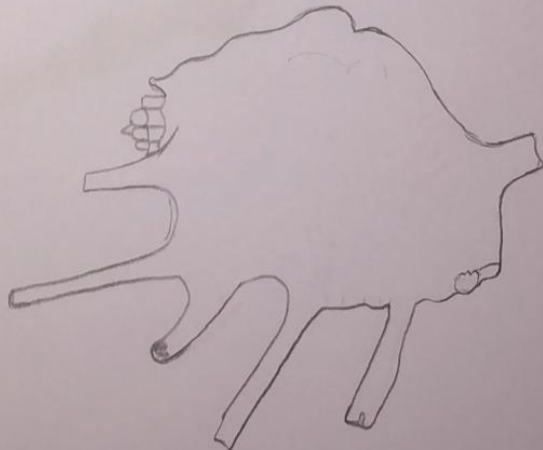
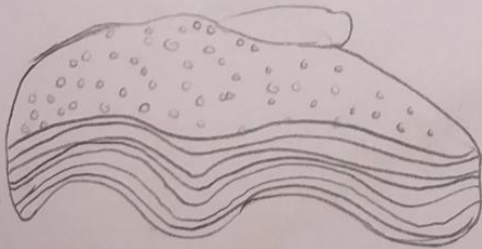


(2)



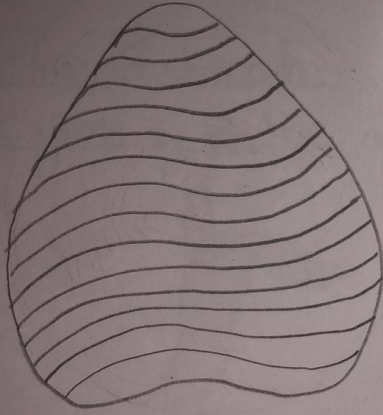
class Gastropoda

S. Name : Limpet



Class Bivalvia.

S. Name :- Clams mussels.



Kingdom Animalia

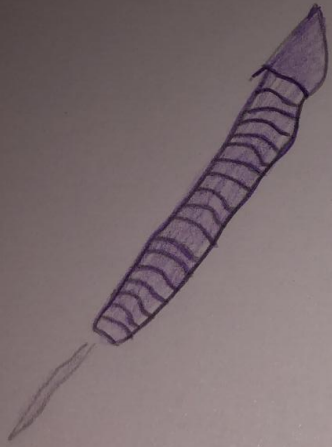
Phylum Arthropoda:



S. Name: Zoea of crab
class Merostomata
4x



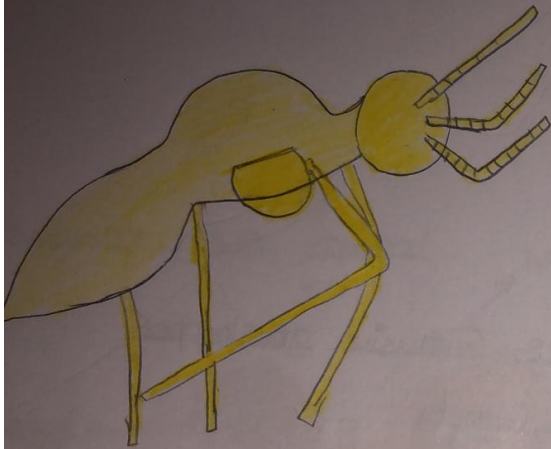
S. Name: Daphnia
class Crustacea.
10x



S.Name :- Insect trachea

class Insect

4x



S.Name :- Anopheles Female (w.m)

class Insecta

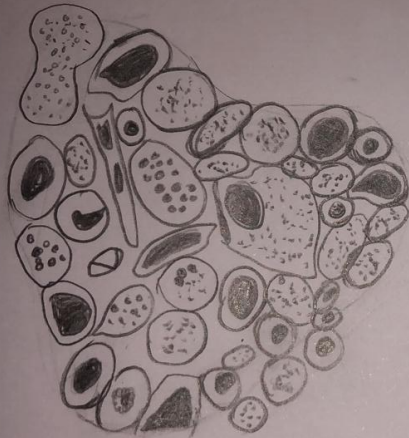
4x



S.Name:- Insect wing house fly.

class Insecta.

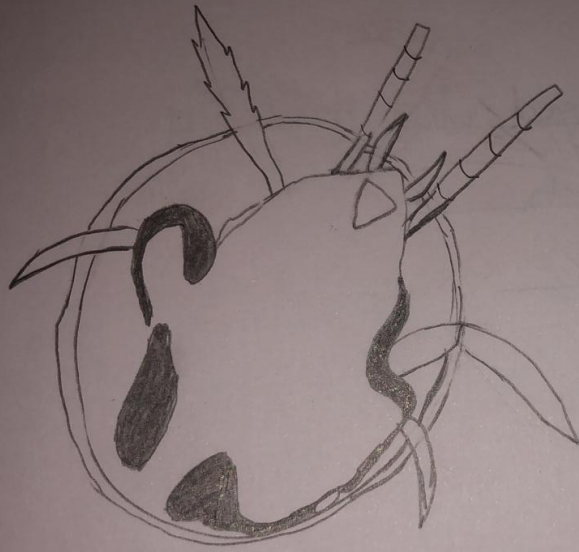
4x



S.Name:- Grasshopper

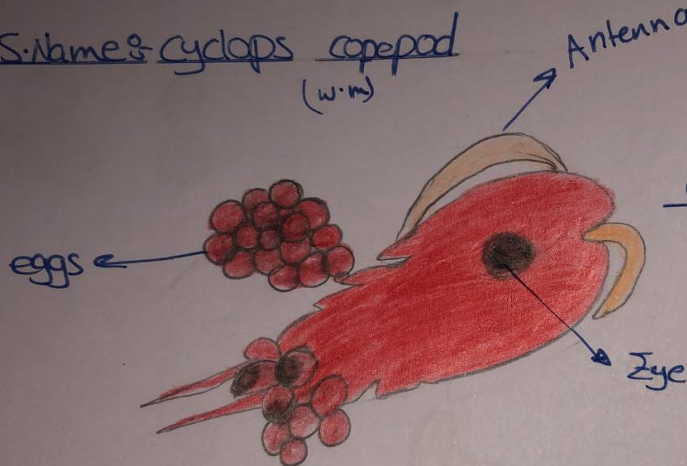
class Insecta.

4x



S. Name is Mite
Class Arachnida
10X

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



class Crustacea.

class Insecta Magnification: 4X

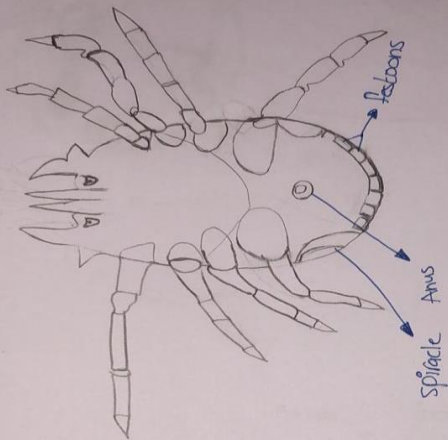
S. Name: Flea (w.m)



phylum Arthropoda

S. Name: Tick class Arachnida, Magnification:

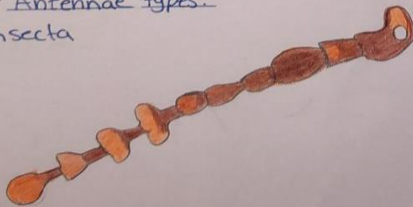
10X



S. Name: Antennae types

class Insecta

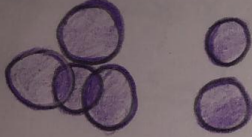
4X



phylum Echinodermata.

S. Name :- Sea urchin arborescens mid late blastula.

Magnification : 10x



يعطيك العافية أستاذ على جهودك معنا.