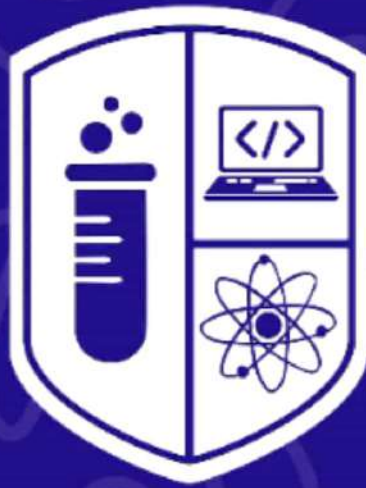




BLOOM TEAM

Subject: Zoology

Section: 1

By: Aml Elsadat

Systematic Position

kingdom Animalia

- Phylum Chordata حبل
- SubPhylum Vertebrata
- Class Amphibia
- Order Anura " لا ذيليات "
- Family Bufo
- Genus Bufo ✓
- Species regulosis ✓

vertebra → عظمة

bio = life

① Head intermandibularia

① Anterior

② Posterior

② Thorax pectoralis

الصدر

الكتف

① Anterior ② medius ③ Posterior

③ abdomen

① obliquus externus ② Rectus abdominus

④ femur الفخذ

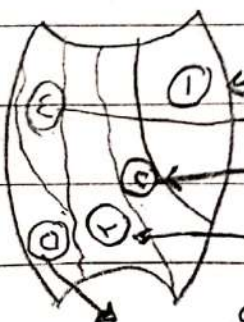
vastus internus. ①

adductor magnus ④

adductor longus ②

sartorius. ③

gracilis ⑤

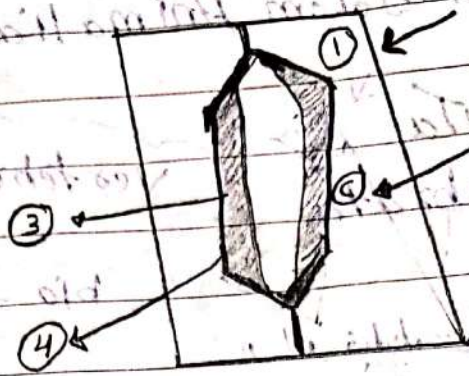


⑤ Tibia

Tibialis anterior

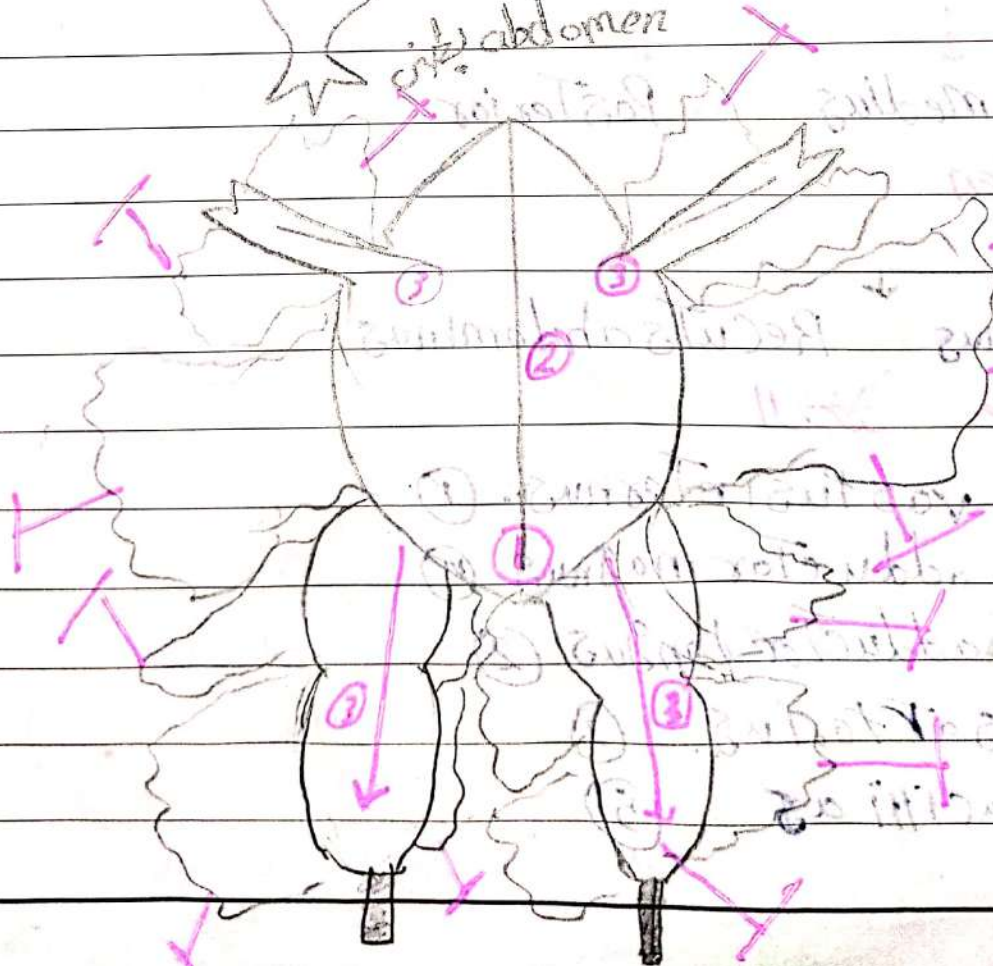
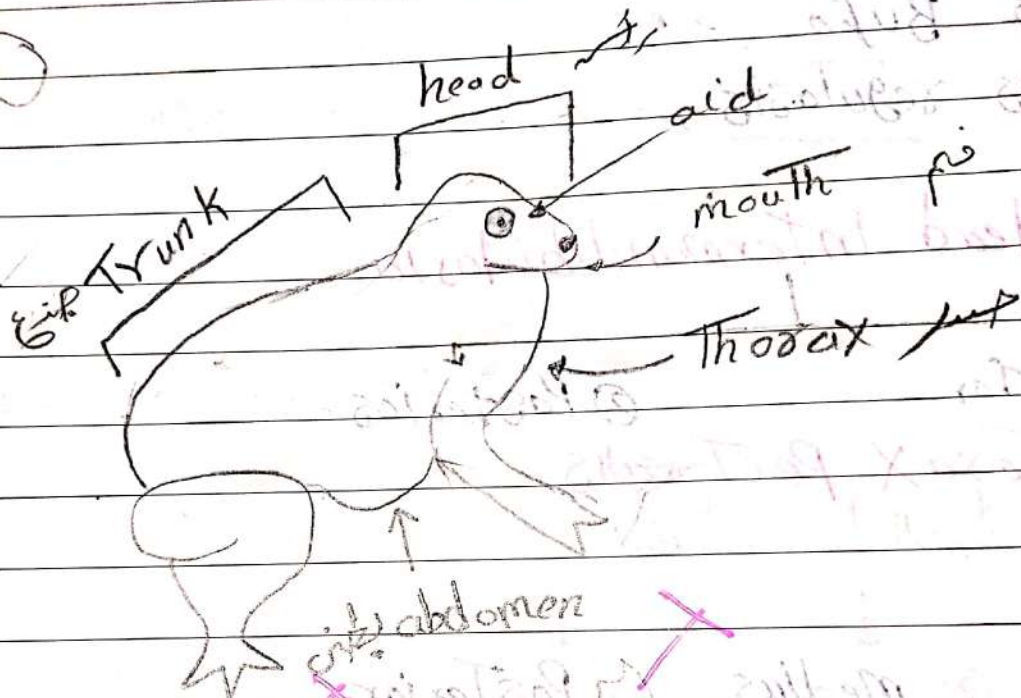
Tibialis posterior

Gastrocnemius



extensor digitoris

Zoology





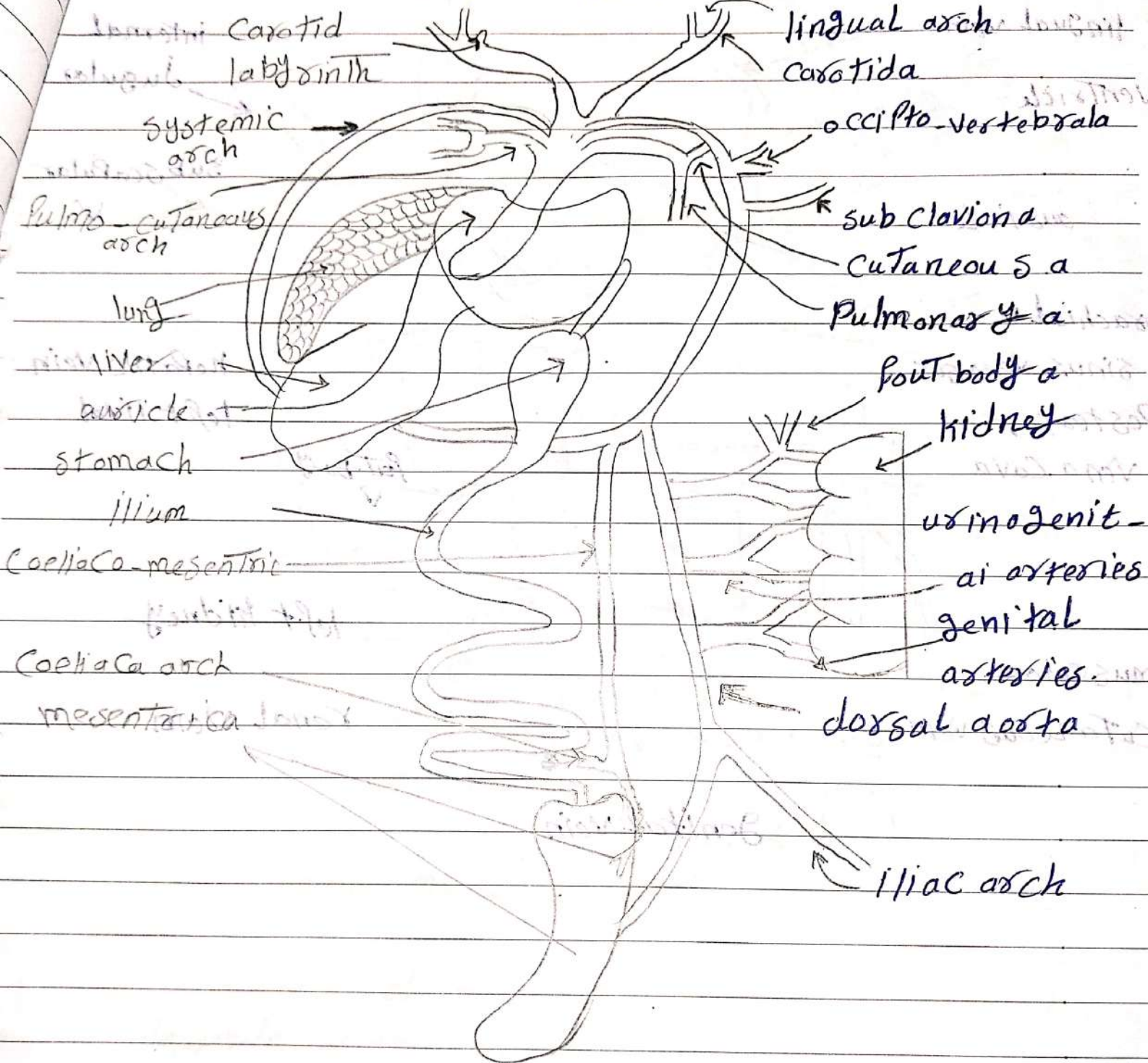
BLOOM TEAM

Subject: Zoology

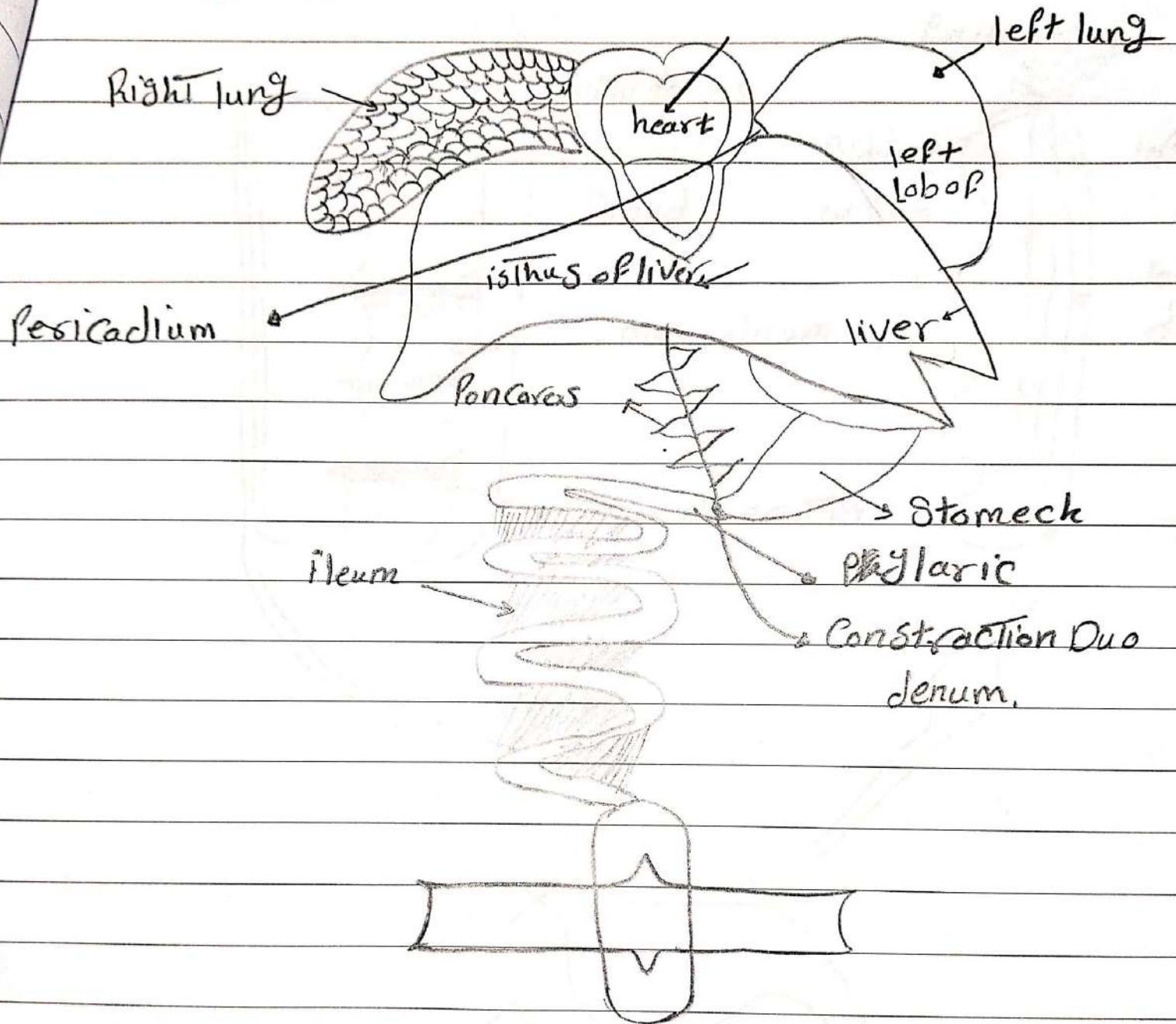
Section: 2

By: Aml Elsadat

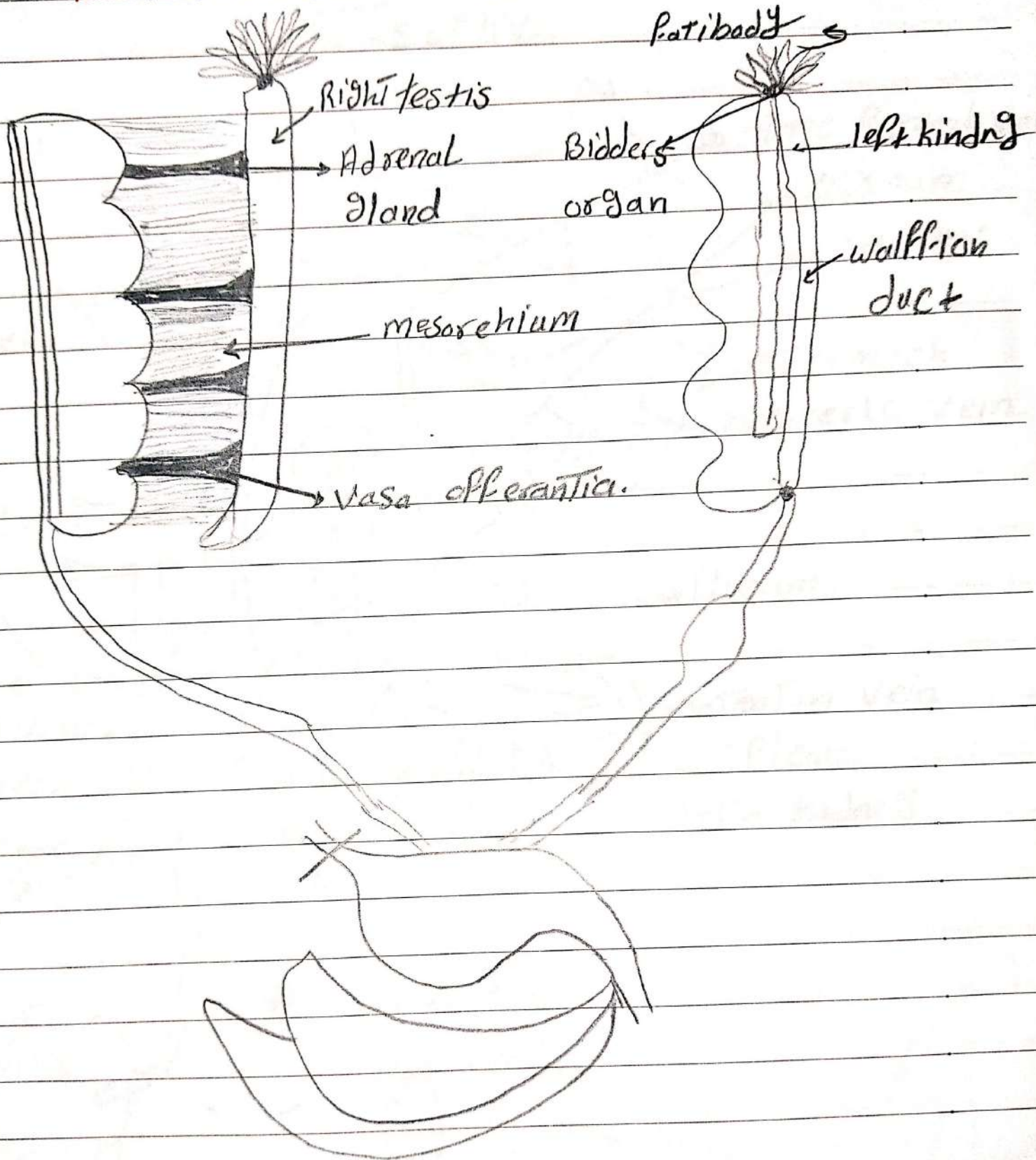
arterial system



" Digestive system "

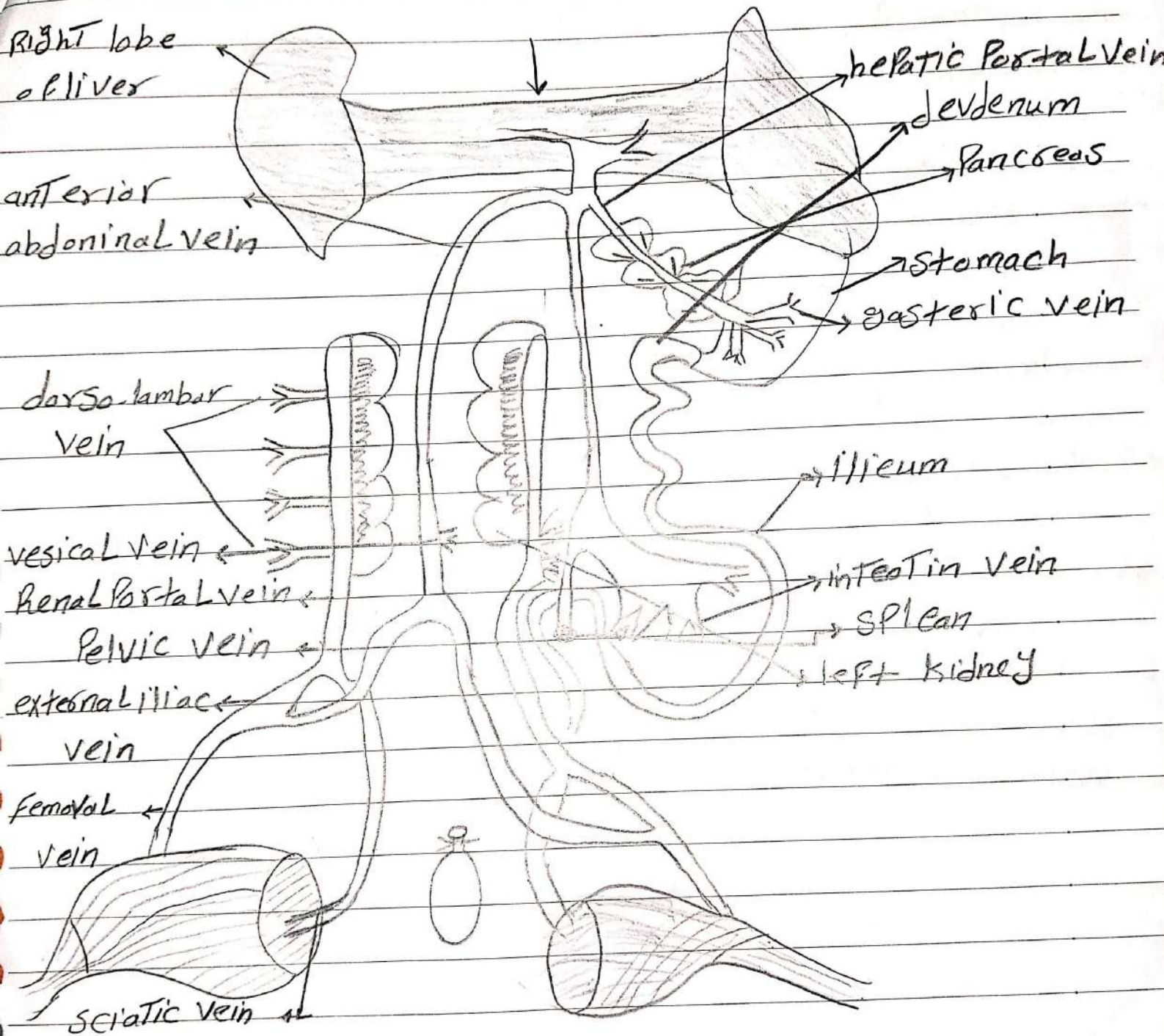


Male reproductive system



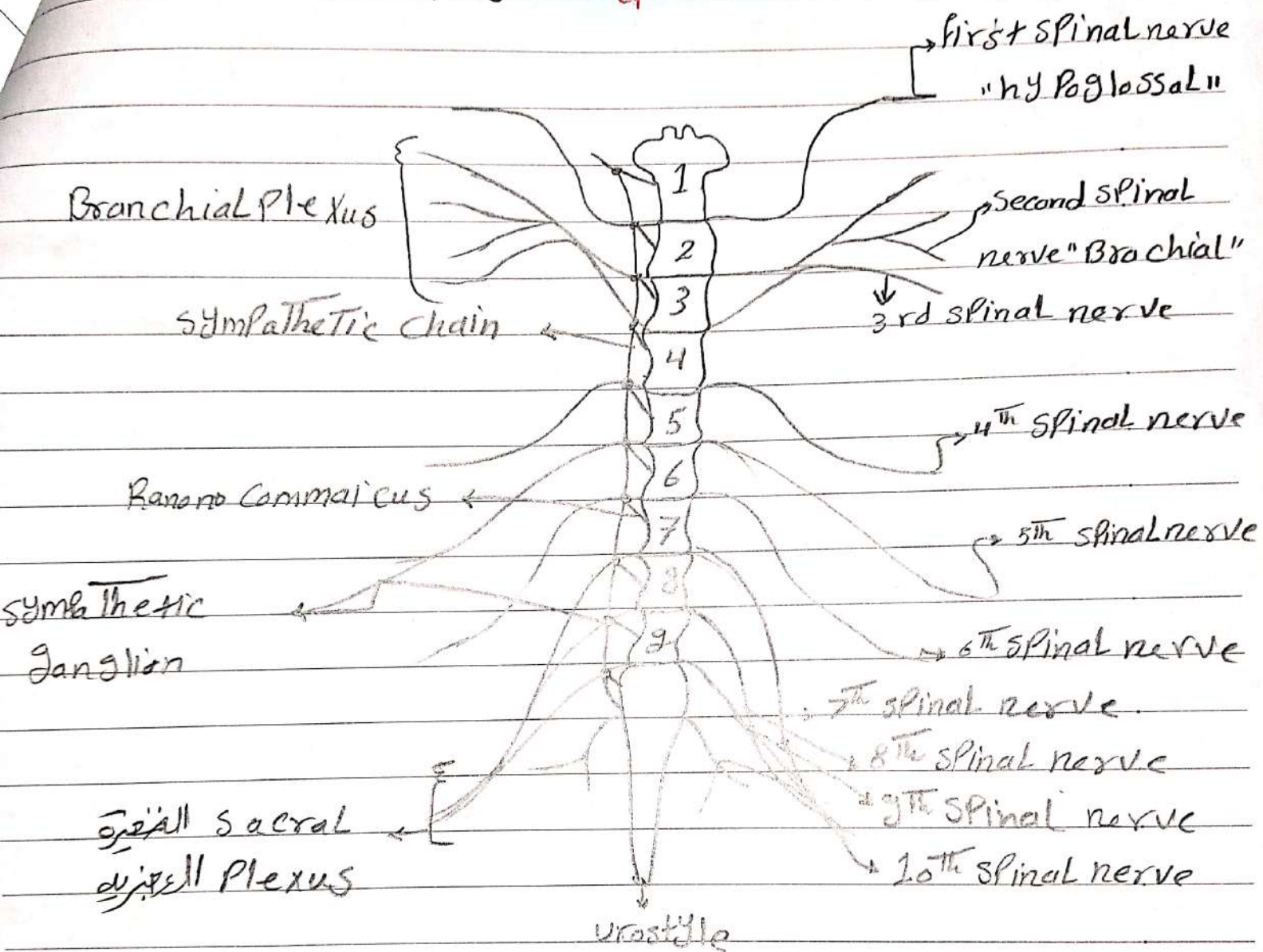
" Venous Portal System "

isthmus of liver



" Nervous System "

" Spinal nerves " & " Sympathetic chain "





BLOOM TEAM

Subject: Zoology

Section: 3

By: Aml Elsadat

FRIDAY

NOVEMBER

6 7

الجمعة

نوفمبر

١٤ ربيع الاول ٢٦ باه

Sec 3

Skeletal system "sekelton" سكيتون

Axial skeleton

هيكل محوري

Appendicular

skeleton "هيكل طرفي"

Skull - Sternum

Vertebra column

Pectoral girdle

Pelvic girdle, Hind

limb الطرفان الخلفي + عظام الطرف

① Skull "dorsal view of skull"

septomaxilla premaxilla
nose maxilla

orbit

frontal

pterygoid

quadratofoveal

exoccipital

quadratoquadrate squamosal

parietal

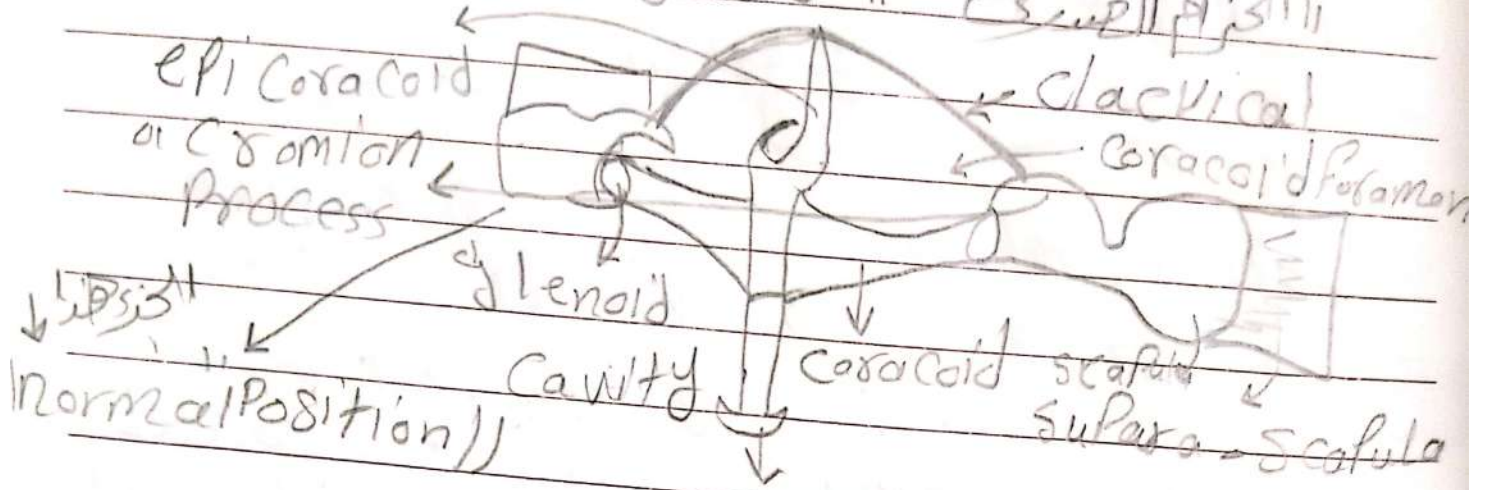
Foramen magnum

occipital

coney leg

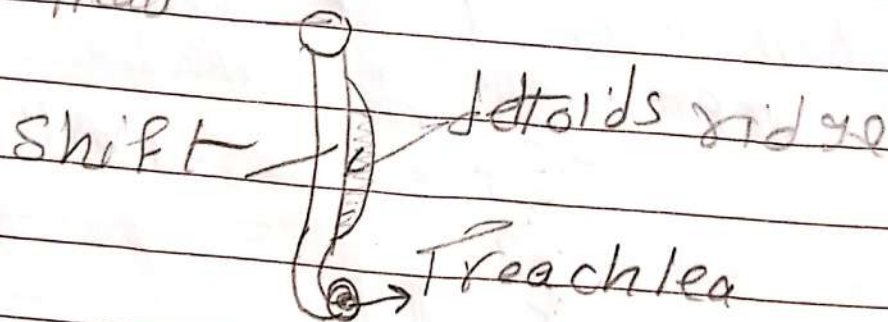
نوفمبر ١٩٨٧				
٢٨	٢١	١٤	٧	السادس
٢٩	٢٢	١٥	٨	الأحد
٣٠	٢٣	١٦	٩	الاثنين
	٢٤	١٧	١٠	الثلاثاء
	٢٥	١٨	١١	الأربعاء
	٢٦	١٩	١٢	الخميس
	٢٧	٢٠	١٣	الجمعة

② Pectoral girdle « الكظام الصدري »

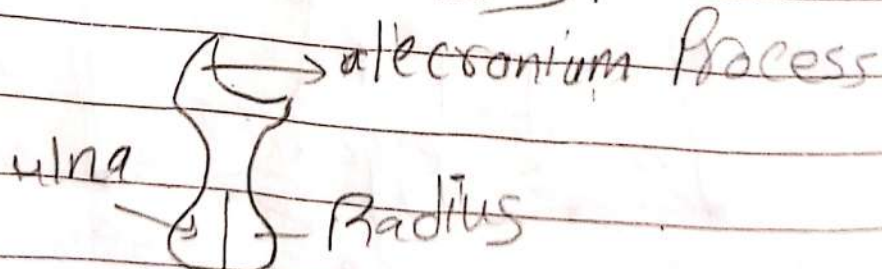


Xiphoid cartilage « الخيشية »

① Humerus Head



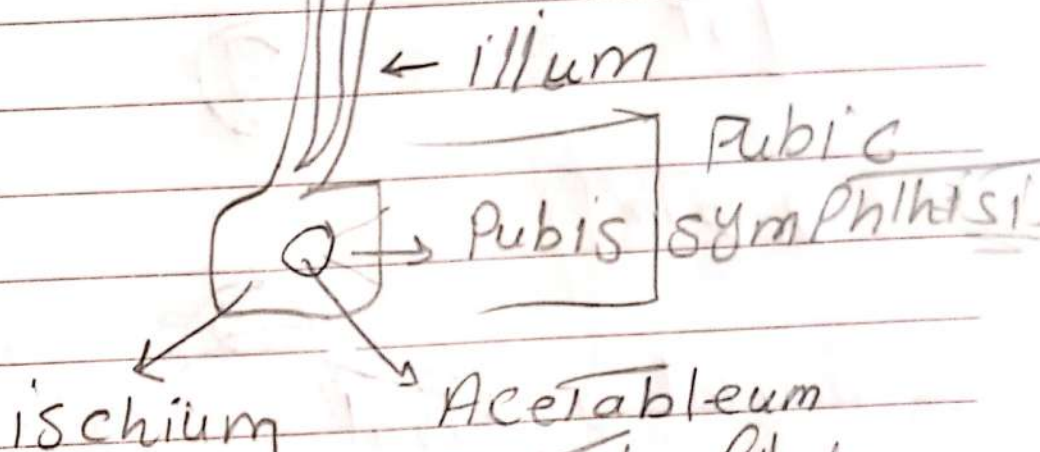
② Radio ulna « الكشيرة الزندي »



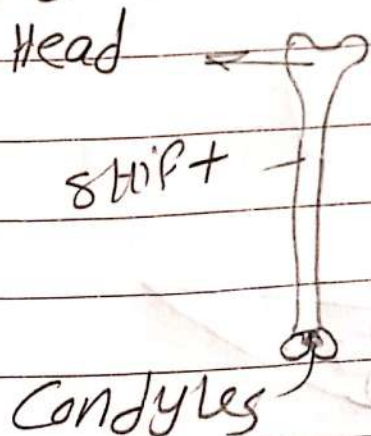
NOVEMBER 1987

NOVEMBER 1987				
SATURDAY	7	14	21	28
SUNDAY	1	8	15	22
MONDAY	2	9	16	23
TUESDAY	3	10	17	24
WEDNESDAY	4	11	18	25
THURSDAY	5	12	19	26
FRIDAY	6	13	20	27

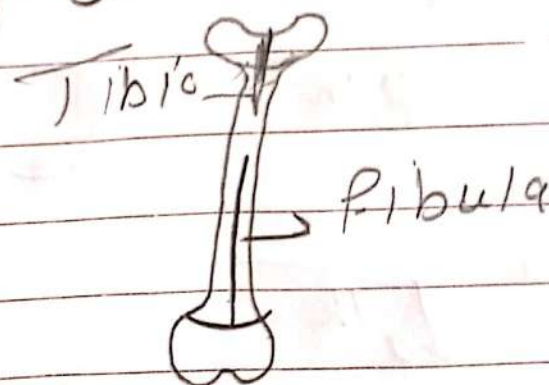
③ Pelvic girdle الحزام العفوي



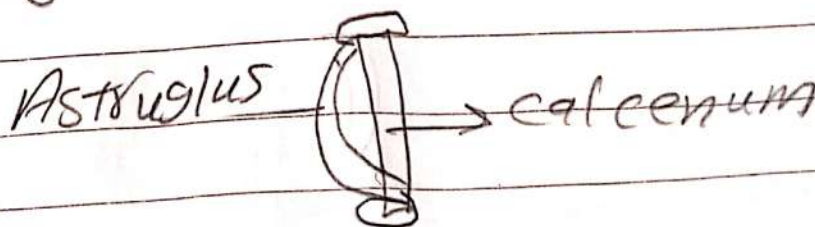
① Femur الفخذ



② Tibio-fibula



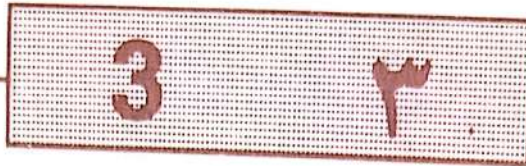
③ Astragalus And calcaneum



نوفمبر ١٩٨٧					السن
٢٨	٢١	١٤	٧		الأحد
٢٩	٢٢	١٥	٨	١	الاثنين
٣٠	٢٣	١٦	٩	٢	الثلاثاء
٢٤	١٧	١٠	٣		الأربعاء
٢٥	١٨	١١	٤		الخميس
٢٦	١٩	١٢	٥		الجمعة
٢٧	٢٠	١٣	٦		

TUESDAY

NOVEMBER



لثاء

مبر

١١ ربيع الاول ٢٣ باه

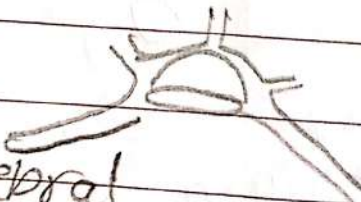
vertebra " الفقرات "

1st



28th

normal vertebral

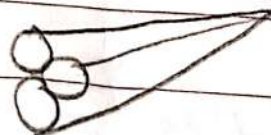


9th

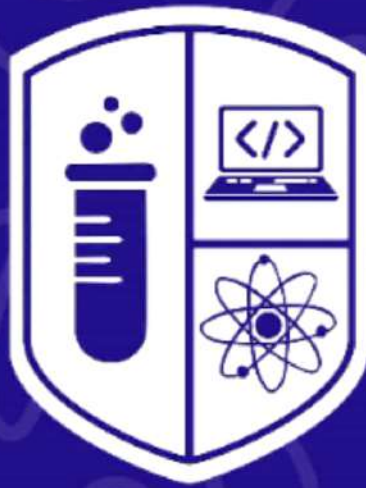


10th

urostyle girdle



NOVEMBER 1987						
SATURDAY	7	14	21	28		
SUNDAY	1	8	15	22	29	
MONDAY	2	9	16	23		30
TUESDAY	3	10	17	24		
WEDNESDAY	4	11	18	25		
THURSDAY	5	12	19	26		
FRIDAY	6	13	20	27		



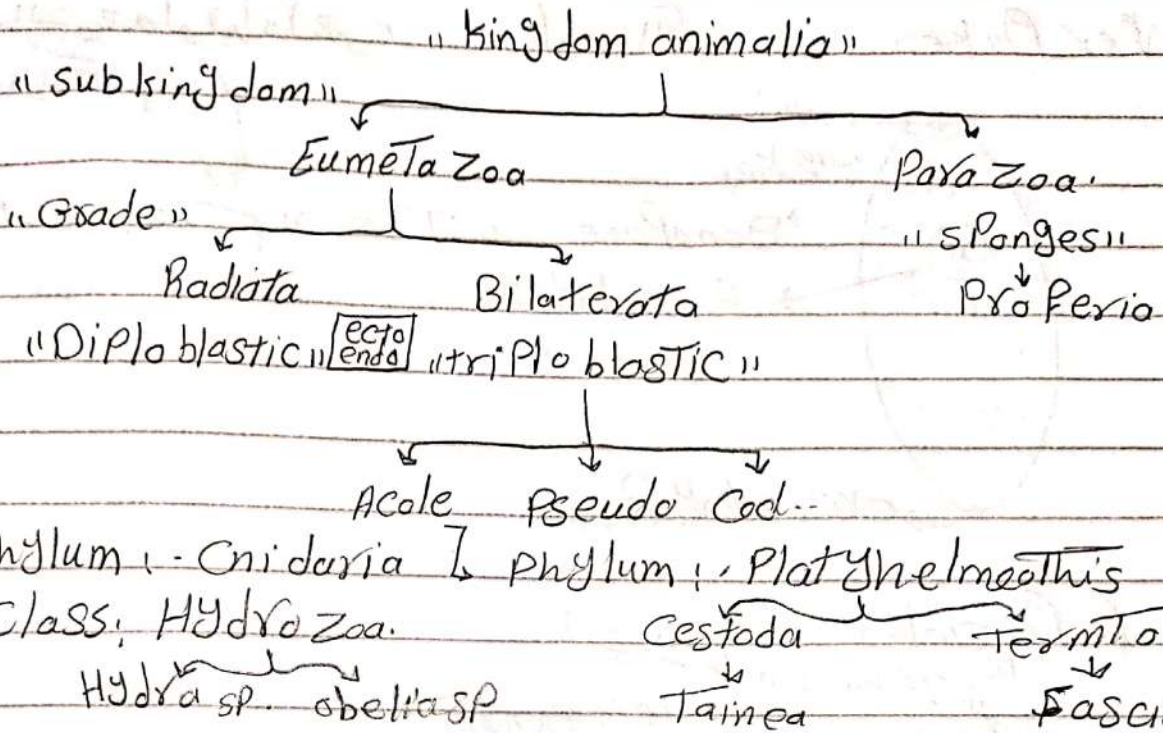
3LOOM TEAM

Subject: Zoology

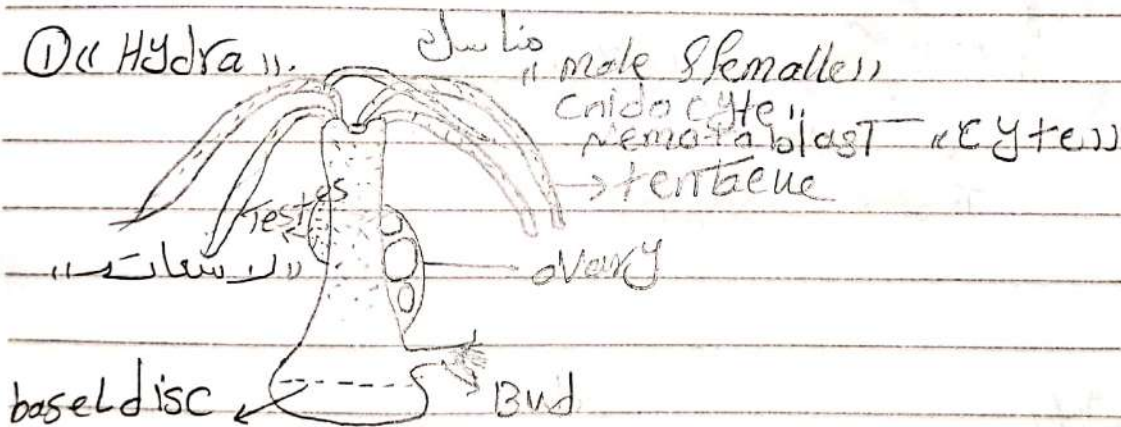
Section: 4

By: Aml Elsadat

«systematic»



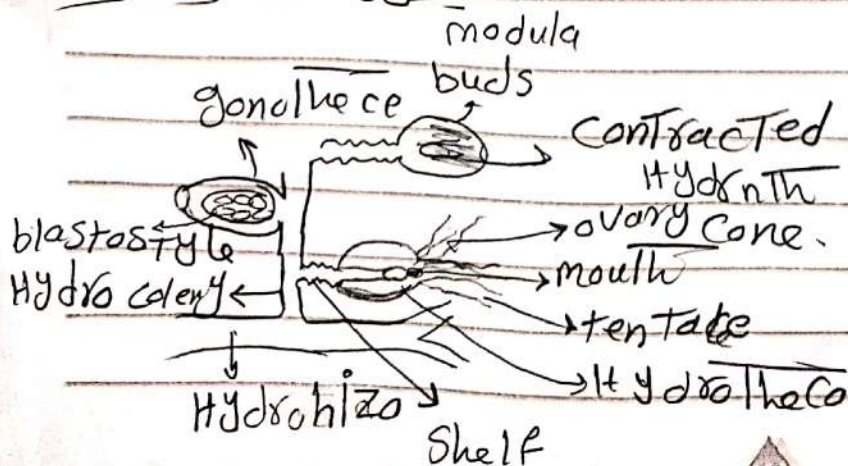
① «Hydra»



② Obelia sp.

«عمليات تحت الشراعيه»

مثل البنيات المتفرعة
تقارن في التعمران Colony



③ Fasciola

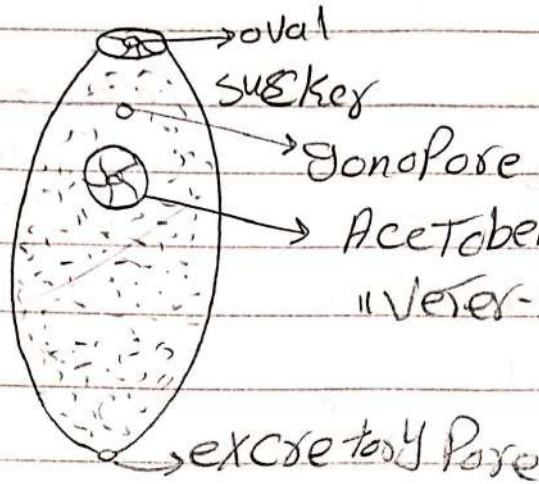
«liver fluke»

«جبارق عند دودة»

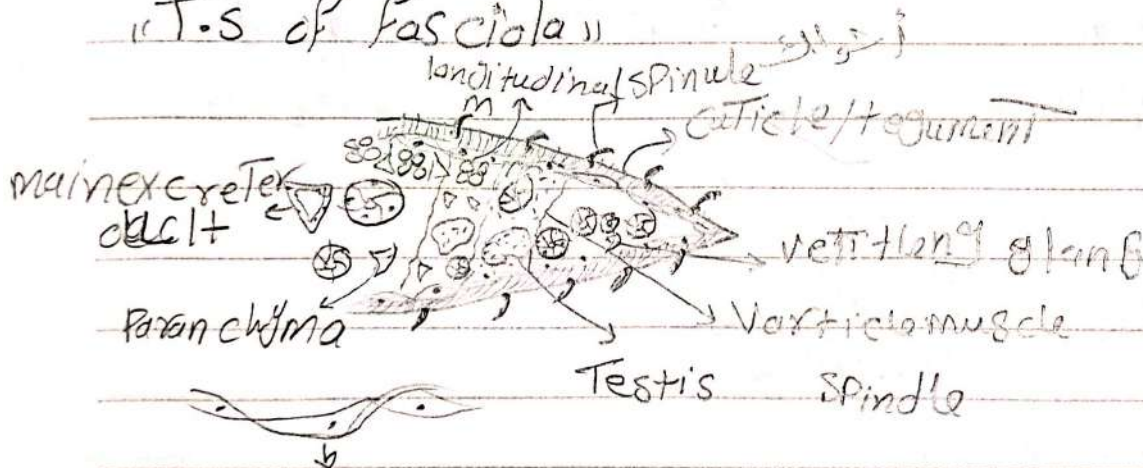
«تأذي الكبد»

«الشرج له لونها» «أعمر»

«شكلها»



«T.S of Fasciola»



Circulation

oo → longitl

* Taenia

Scolex

Head.

Saginata

Solum



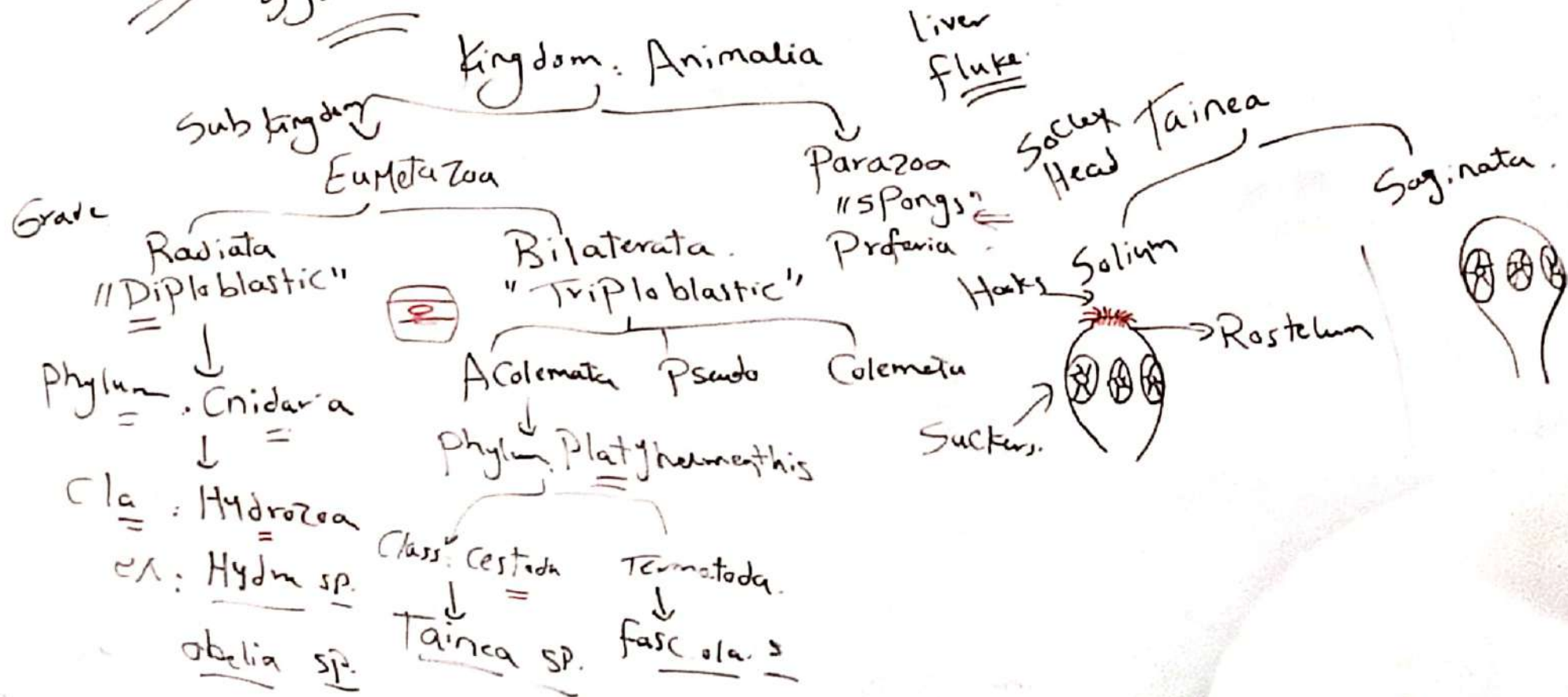
Rostelum

4 suckers



Sec 4

Systematic



Sec 4

Systematic

Kingdom: Animalia

Subkingdom

Eumetazoa

Parazoa

"Sponges"
Protericia

Grade

Radiata



Diploblastic

Phylum: Cnidaria

Class: Hydrozoa

Hydra sp

Obelia sp

Bilaterata



"Triploblastic"

Acoel

Phylum

Platyhelminthes

Cestoda

Taenia

Pseudo

Termetoda

Fasciola

Sec 4

Systematic

Kingdom: Animalia.

Subkingdom

Eumetazoa

Parazoa
"Spongs"
Protozoa

Grade

Radiata

ecto
endo

Bilaterata

"Triploblastic"

"Diploblastic"

Phylum: Cnidaria

Class: Hydrozoa

Hydra sp.

Obelia sp.

ACole

Phylum: Platyhelminthes

Cestoda

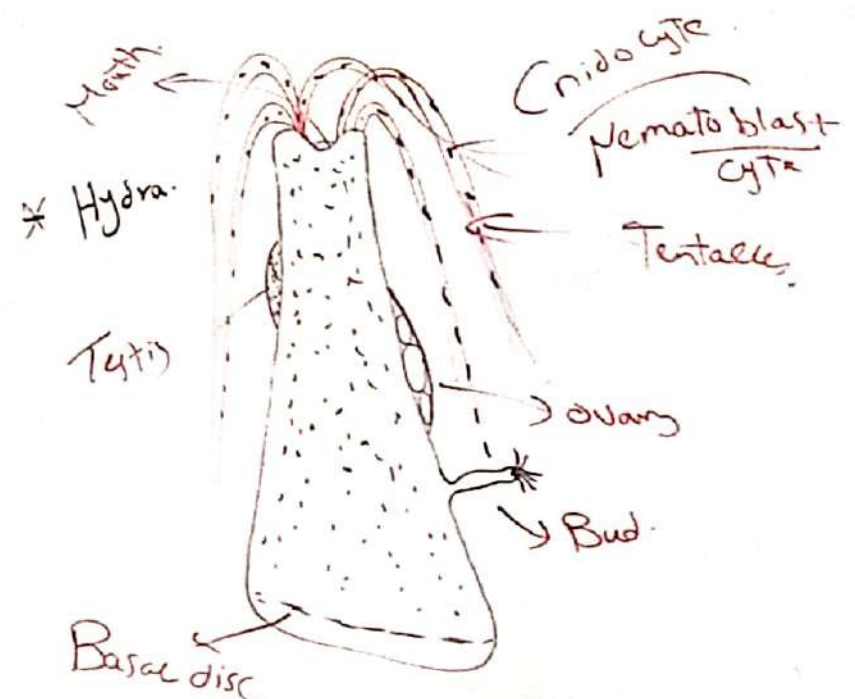
Taenia

Pseudo

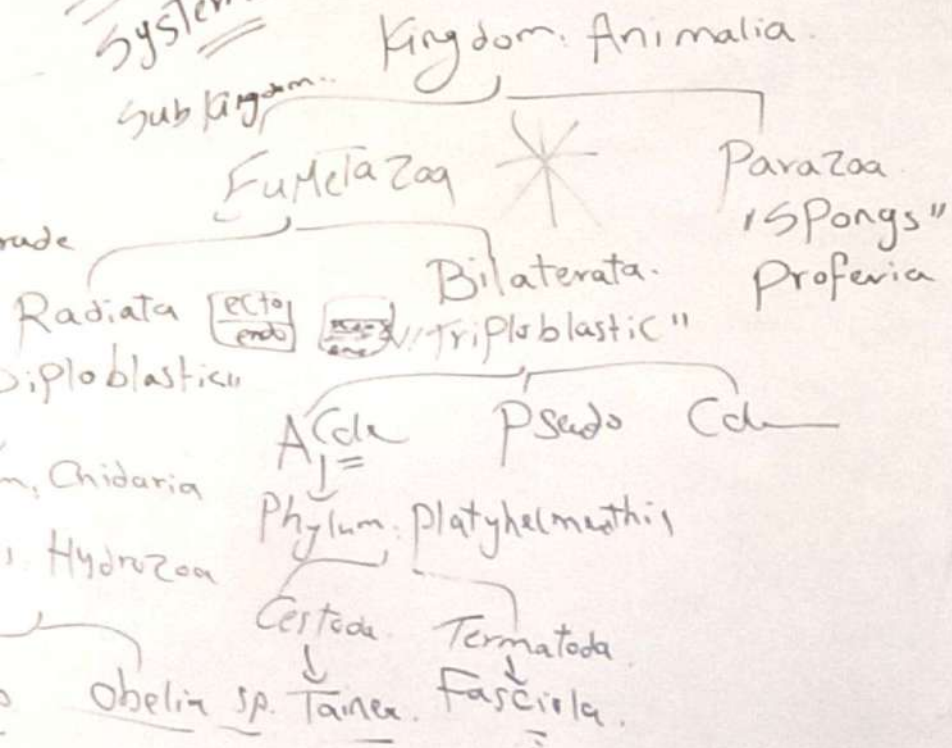
Trematoda

Fasciola

Cole



Sec 4 Systematic



② Obelia sp.

Colony

Blastostyle

Hydrocalyx

Hydrotheca

Shelf

Gonotheca

Proton

Buds

Contracted Hydrotheca

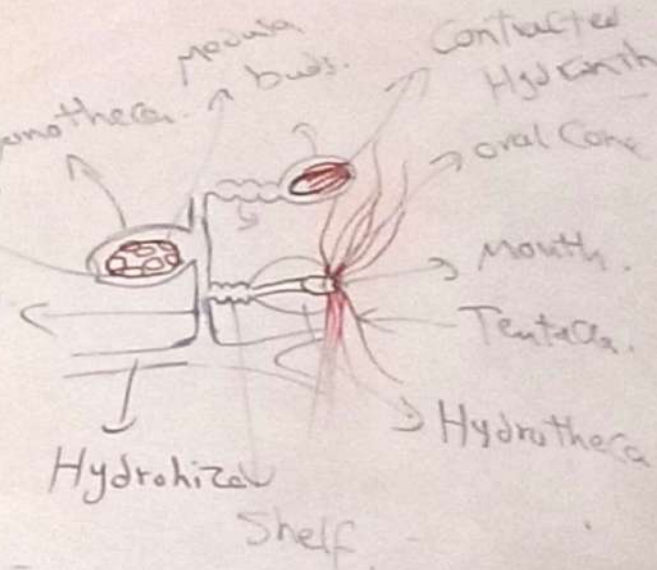
oval cone

Mouth

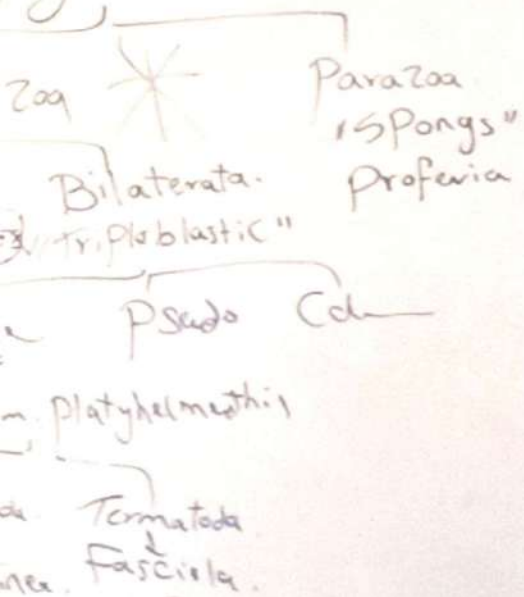
Tentacle

Hydrotheca

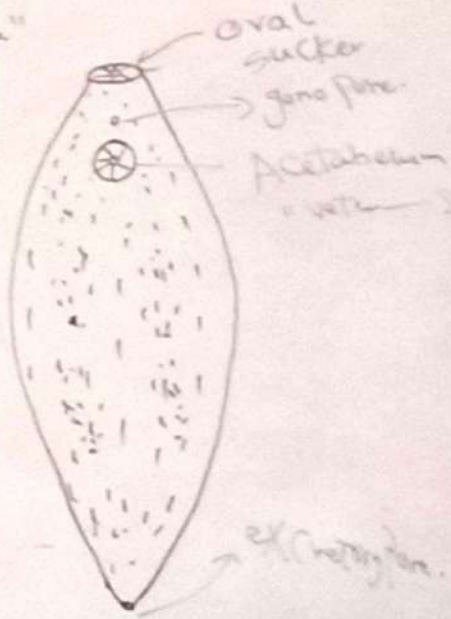
Nidocyte



Kingdom: Animalia.



③ Fasciola.
"Liver Fluke"

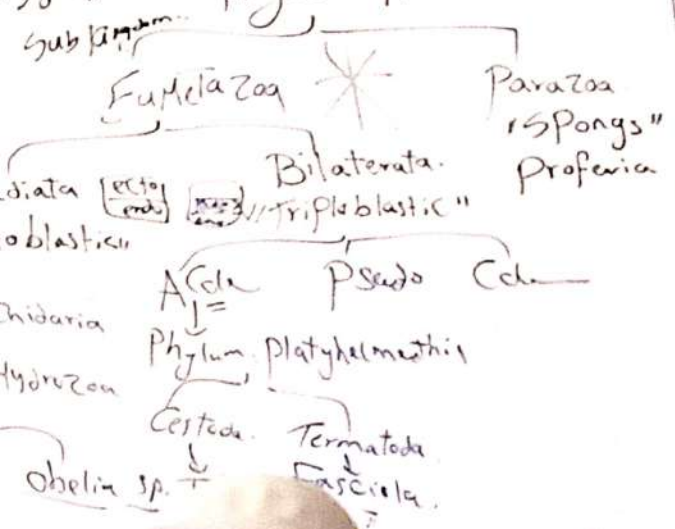


Endocyte

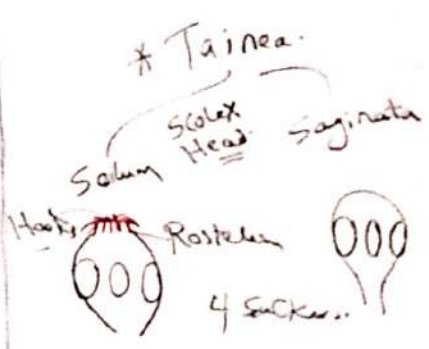
ec 4

Systematic

Kingdom: Animalia



Tridactyl





Hydra



Scolex of tainea solium



**Scolex of tainea
saginata**





DATA3LOM

2025

By: Aml

* Ascaris

lumbircoides

↳ intestinal

King Dom: Animalia

Fluck → something causing

Sub kingdom: Eumetozoa

blockage = obstruction

Grade: Bilateria

Sub Grade: Pseudo Coelomata

Phylum: Nematoda

Class: Phasmeida

ex: Ascaris lumbircoides

D. H «Definitive Host»

= Human

Secondary H = No

~~male~~ : Female

male

- morphology : Straight

- Curved

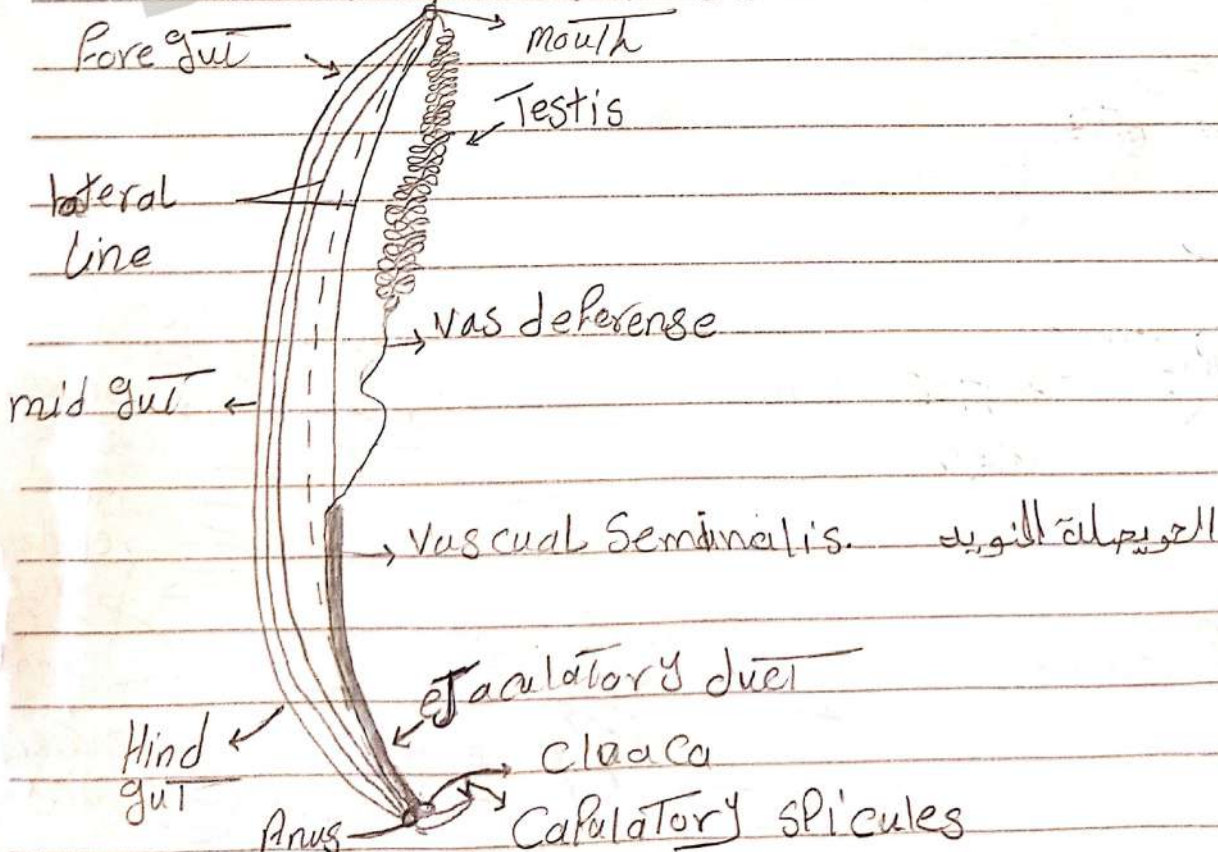
- Dissection : broad

- Slim

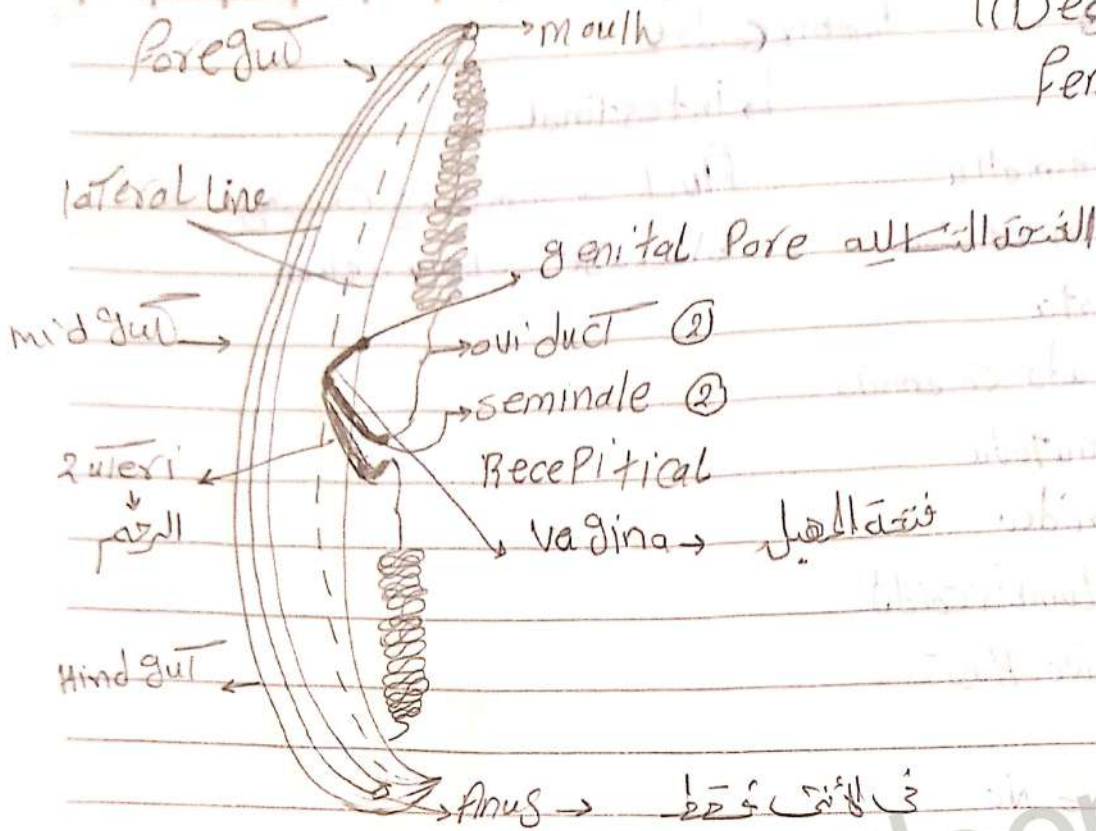
- under microscope: long

- Short

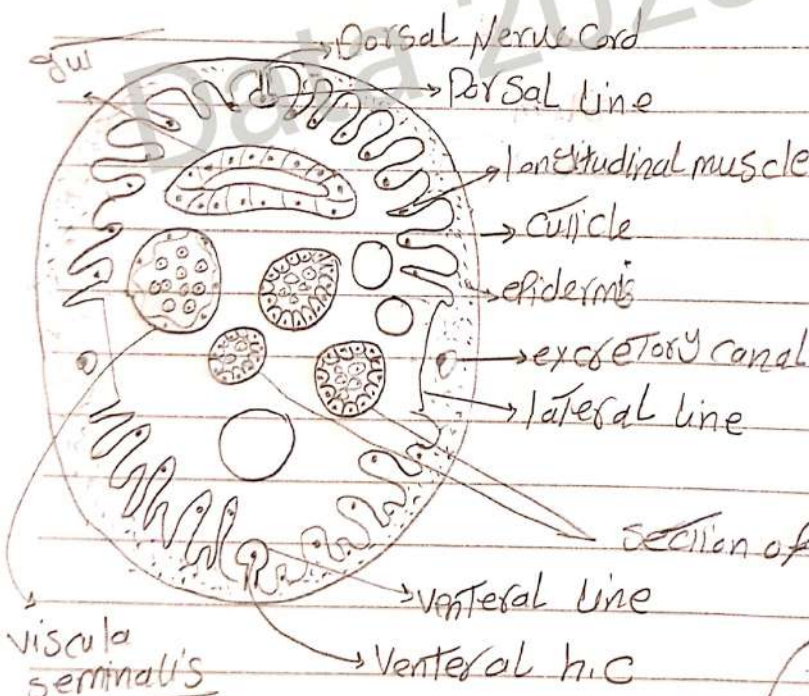
((Dissected Male))



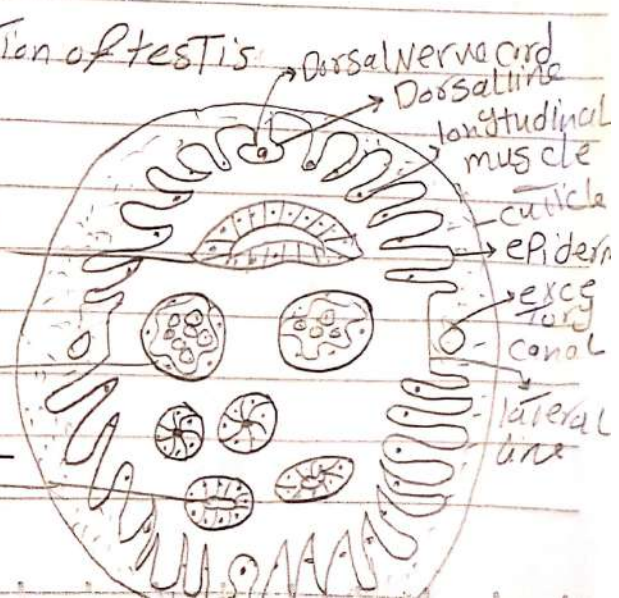
((Dorsal Female))



((T.S of male))



section of testis

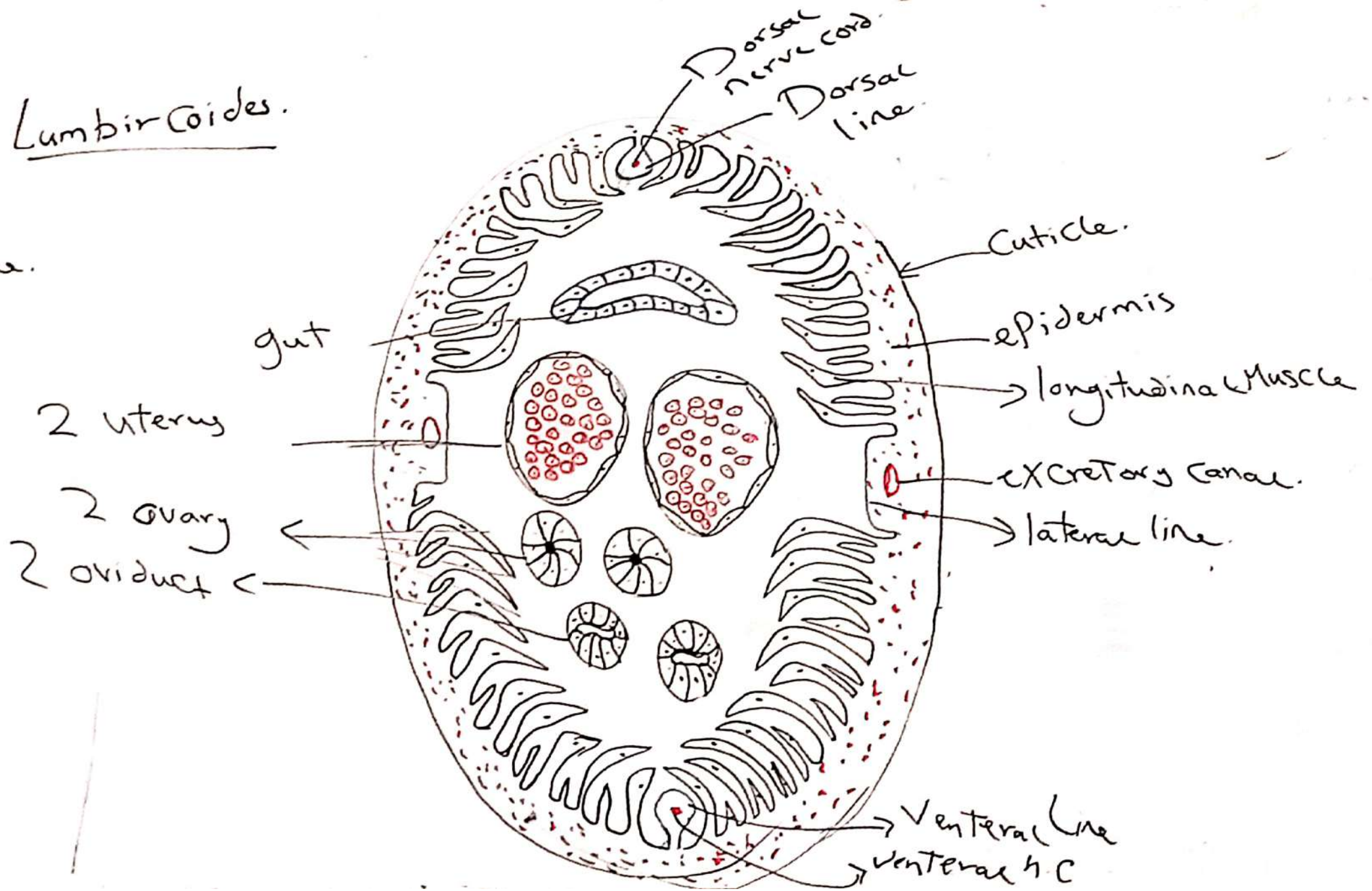


((T.S of female))

ovary

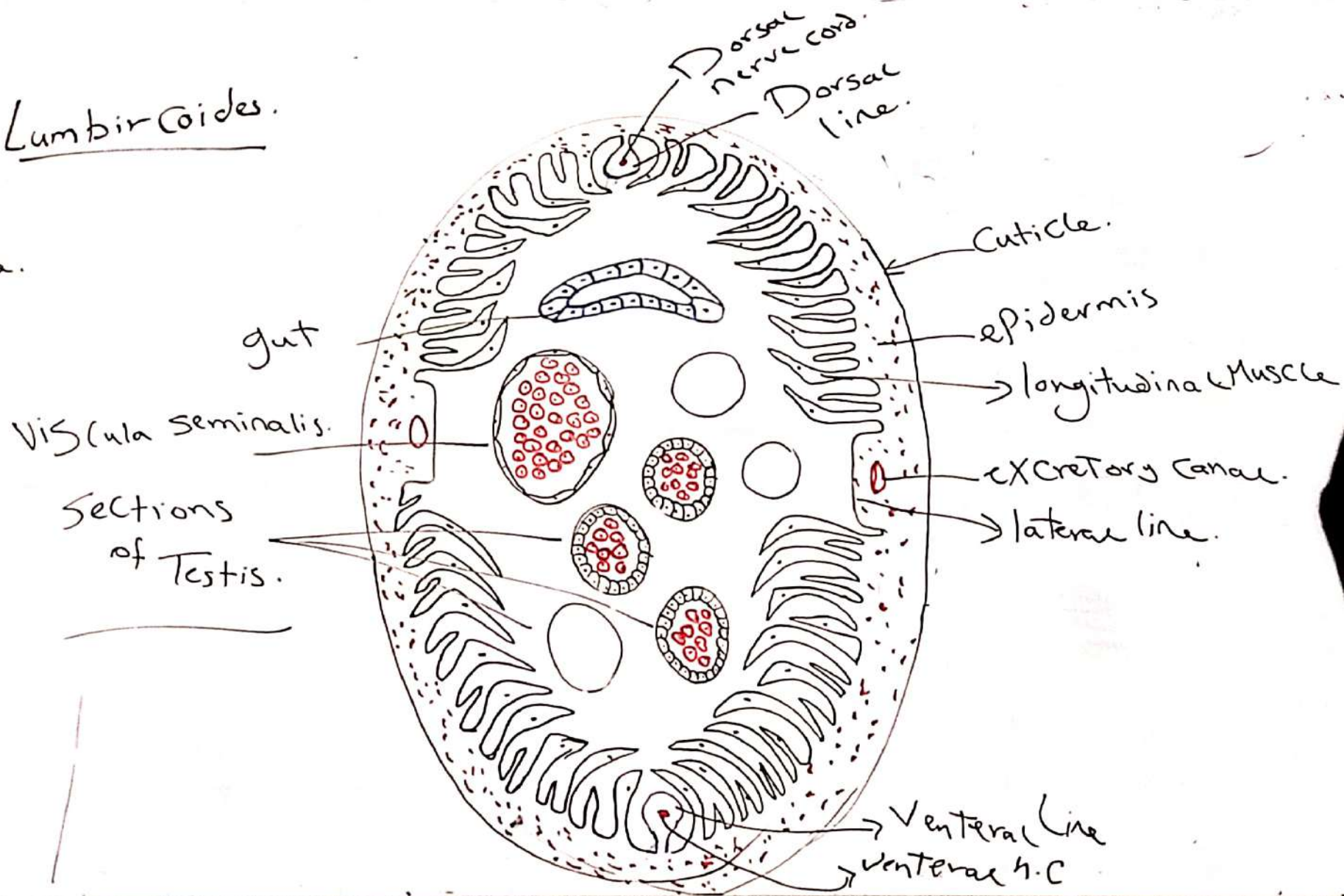
2 oviduct

Lumbricoides.



* Ascaris Lumbricoides

T.S of Male.



* Last
systematic
sec.

* Ascaris Lumbricoides.

* Dissected
Female.

lateral
line.

2 uteri.

fore
gut

Mid
gut

Hind
gut

Mouth.

genital pore

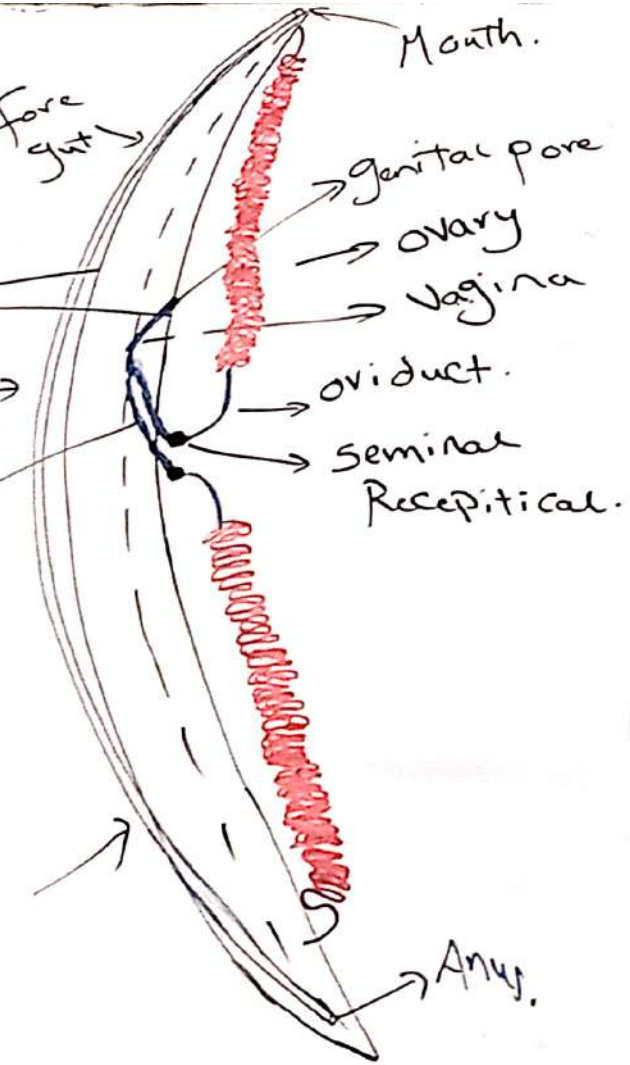
ovary

vagina

oviduct.

seminal
Receptical.

Anus.

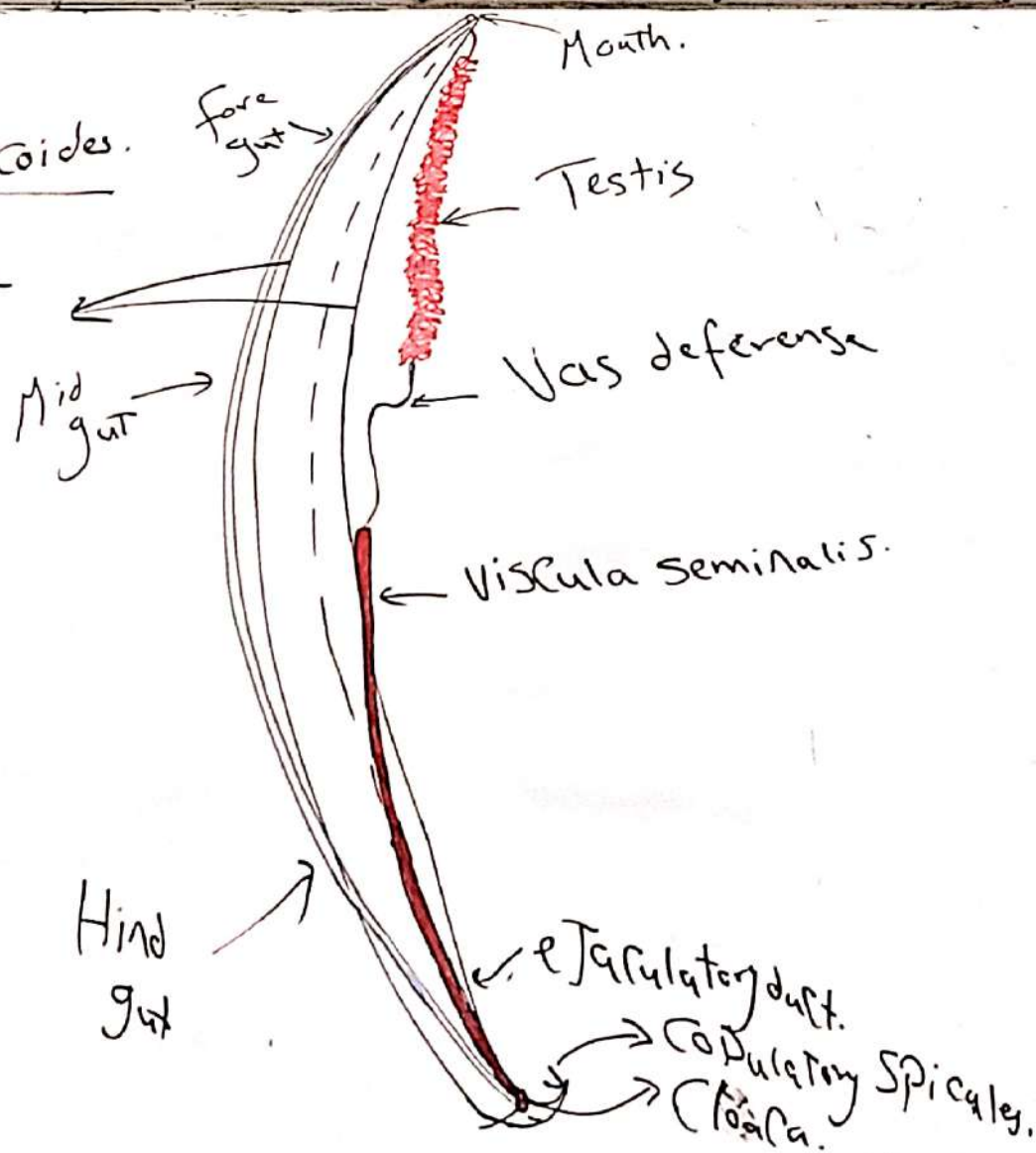


* Last
systematic
position

* Ascaris

Lumbricoides

* Dissected
Male.





T. s of Female Ascaris



T.s of male Ascaris