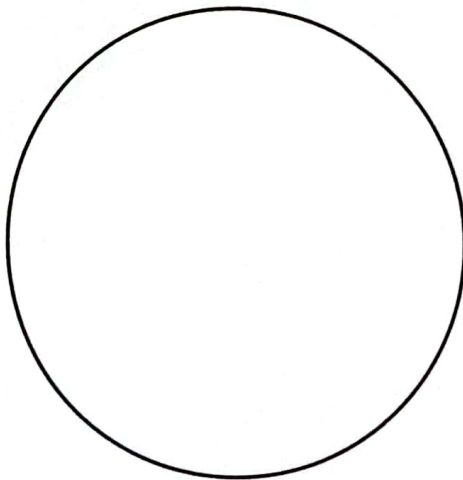


EXERCISE 5.1A

**ASCARIS LUMBRICOIDES
(GIANT INTESTINAL ROUNDWORM)**

Draw and label the different structures specified.

Ascaris lumbricoides

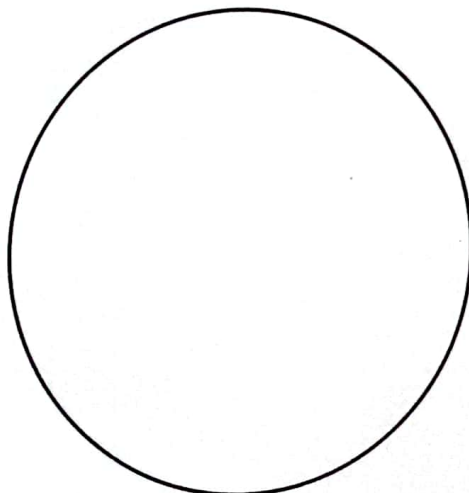


Structures to Identify:

- Mouth
- Tail
- Anus
- Cuticle

Adult male and female, gross examination

Ascaris lumbricoides

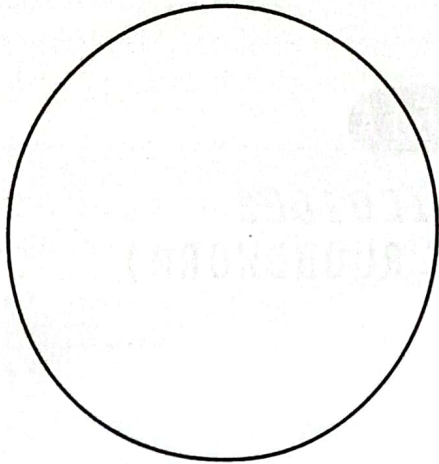


Structures to Identify:

- Vitelline membrane
- Glycogen membrane
- Mammilated layer

Fertilized ova, under HPO magnification

Ascaris lumbricoides



Structures to Identify:

- Vitelline membrane
- Glycogen membrane

Unfertilized ova, under HPO magnification



Name _____

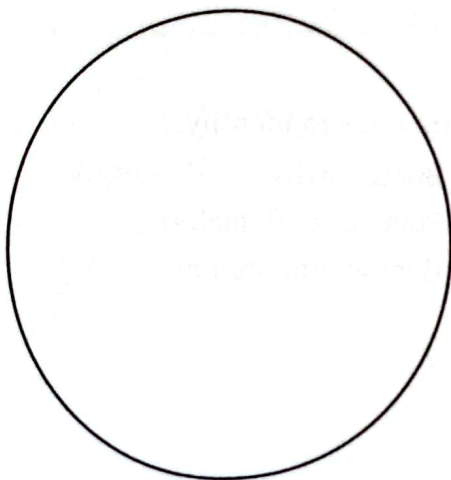
Section _____

EXERCISE 5.1B

**TRICHURIS TRICHIURA
(WHIPWORM)**

Draw and label the different structures specified.

Trichuris trichiura

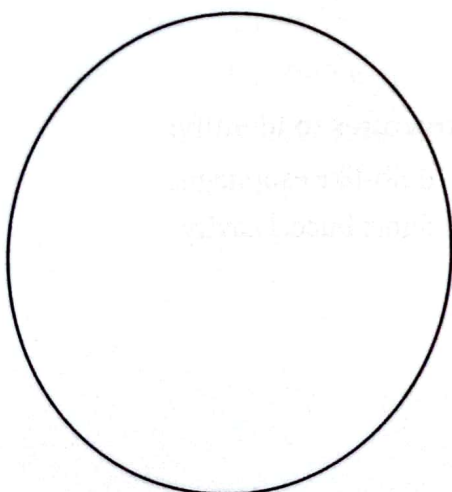


Structures to Identify:

- Mouth
- Posterior end (coiled in males)
- Slender anterior end

Adult male and female, under scanner

Trichuris trichiura



Structures to Identify:

- Bipolar plugs
- Embryo inside egg
- Characteristic three-layer egg

Fertilized ova, under HPO magnification

Name _____

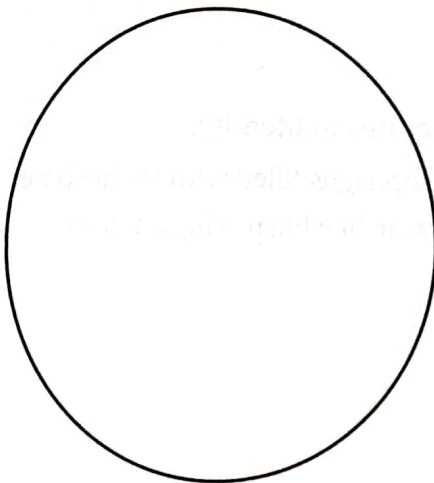
Section _____

5.1 E

**ENTEROBIUS VERMICULARIS
(SEATWORM)**

Draw and label the different structures specified.

Enterobius vermicularis

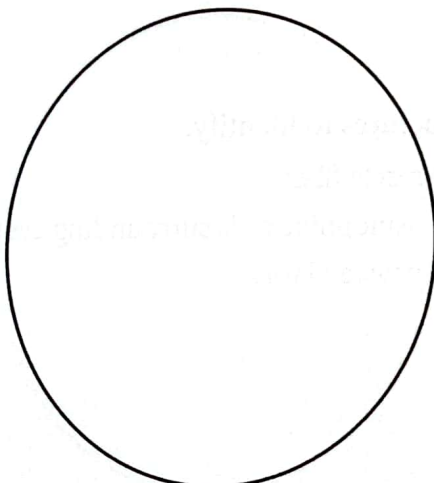


Structures to Identify:

- Cephalic alae
- Prominent esophageal bulb

Adult male and female, Examination under HPO

Enterobius vermicularis



Structures to Identify:

- Albuminous outer layer
- Embryonic inner lipoidal membrane

Embryonated ova, under HPO magnification