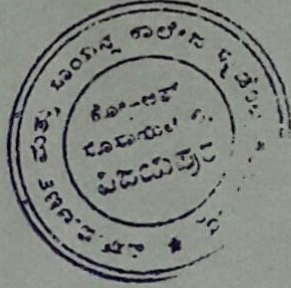


B.L.D.E. Association's

**S. B. Arts & K.C.P. Science College,
VIJAYAPUR- 586 103.**



ASSIGNMENT

For ~~B.A.~~ [✓] B.Sc. II Semester
2017 - 2018

Name of the Student Somanath. Donagi

Roll No. 28 R.C.U. Seat No. 51722064

Subject Zoology

Assignment No.	Date	Marks Assigned	Marks Obtained	Name and Signature of Teacher	Remarks
1	8/3/2018	03	02	<i>[Signature]</i>	
2					
3					
4					

Posterior part is excretory in function where as anterior part is reproductive in function.

Internal Structure of Kidney

Posterior functional part of kidney of Scolidon is called opisthonoporus. Each has internally formed of by several coiled glandular uriniferous tubules.

Each uriniferous tubules is a coiled long narrow tube terminated by Bowman's capsule capillary called glomerulus. Uriniferous tubules have special area for the absorbing segment in them. All uriniferous tubules open into common collecting tubules. The collecting tubules communicated into the common excretory tube called ureter.

Ureter ÷ This is common excretory duct arise from the ventral surface of each kidney run along it's mid ventral line in the posterior direction.

Urinogenital sinus ÷ This is wide pearshaped thin walled chamber. present in the median position in between pelvic fins just behind the urinogenital papilla. it opens into the cloaca.

Testes ÷ There is pair of large creamish coloured tubular glands called testes attached to mid dorsal abdominal body wall. Testes are attached to body wall by the double fold membranous peritonium called mesorchium. posterior end of each testes attached to the rectal gland by non-glandular tissue.

Vasa efferentia : From each testis there are given off several fine tubules called vasa efferentia. These tubules join in the mesorchium to the anterior end of large duct.

Vas deferens : Vas deferens forms a very large narrow and extremely coiled duct along entire ventral surface of anterior genital part of the kidney.

Epididymis : Epididymis is the long coiled anterior part of kidney which provides a nourishing fluid for growth and maturation of spermatozoa.

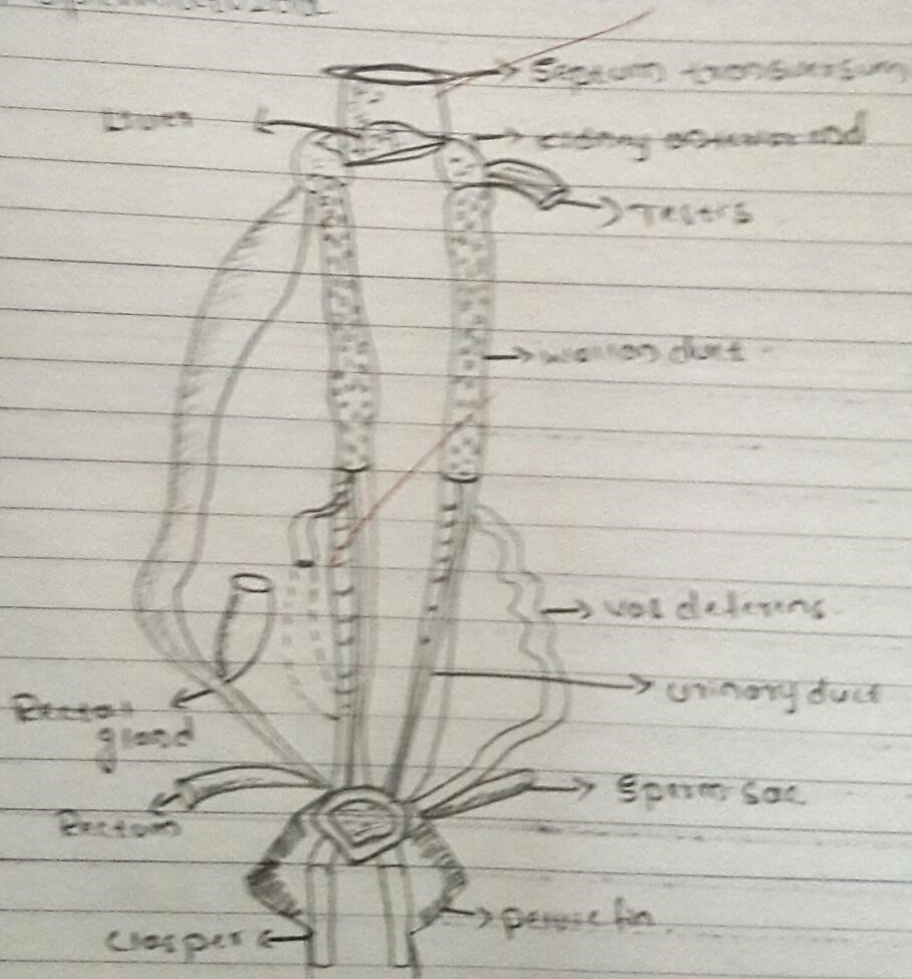


Fig: Male urogenital system

From where they are forced into the oviducal funnel by the action of body muscles just behind the funnel. oviducts are curved around towards mid dorsal line till each enlarges to form shell gland, which is simply a dilated part of each oviduct. The fertilization of mature eggs takes place in the part of oviduct between the oviducal funnel and the shell gland.

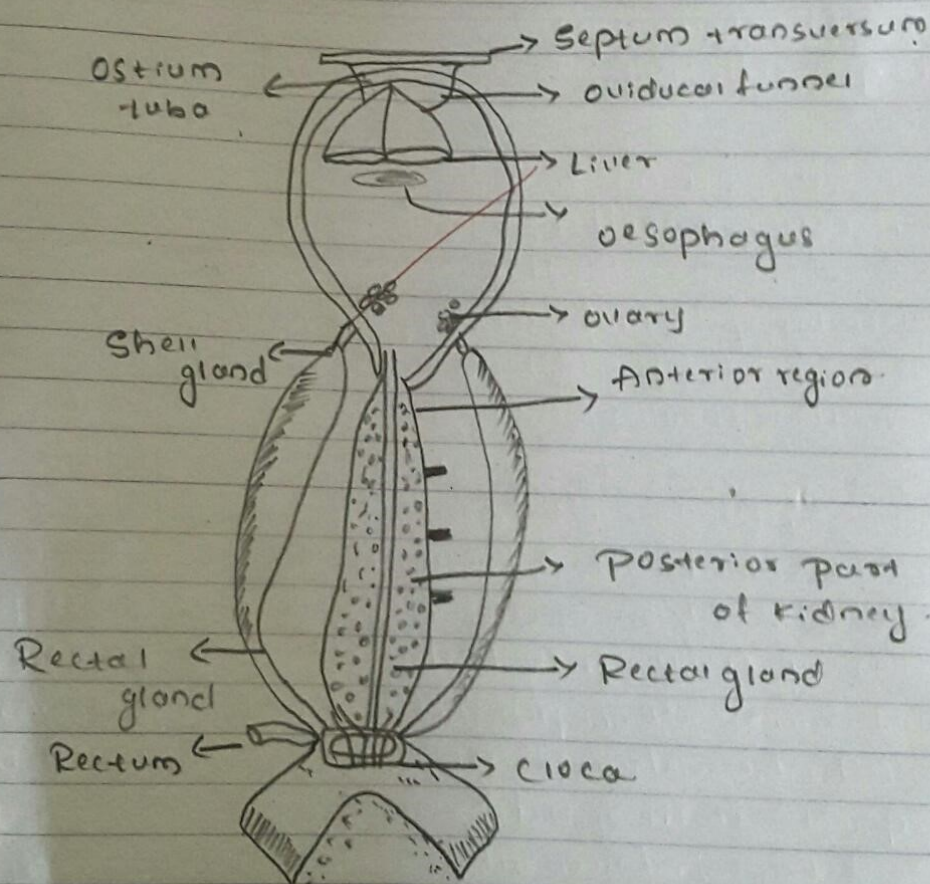


Fig: Female urinogenital system