

Name _____ GSI & Sect # _____ Station # _____

AT THE END OF EACH LAB IS A REVIEW AND A CHART THAT YOU SHOULD FILL OUT.

1) In the space below make a drawing of the rat testis and rat ovary slide. Label the following: seminiferous tubule, lumen of the seminiferous tubule, spermatozoa, mature follicle, developing follicle, antrum.

2) In the space below make 3 drawings: i) unfertilized urchin egg ii) fertilized urchin egg (with fertilization membrane) iii) sea urchin larva.

3) Examine both the vials and slides of the developmental stages of *Xenopus* and make drawings of each. Title your drawings.

Vials:

Egg

2 Cell

Blastula

Gastrula

Neurula

Slides:

Ovum

Late cleavage

Crescent blastopore

neural tube

Worksheet continued on the other side

4) Draw a rat fetus from a late stage of pregnancy. Be sure to label: amniotic membrane, placenta and the umbilical cord.

5) Draw a cross section of a chick embryo., i.e. the slide examined on page 212. Label the notochord & spinal cord.