

Name \_\_\_\_\_

Fetal Pig Dissection Day 5 – Urogenital System Lab Handout

Group Members \_\_\_\_\_

1. What is the purpose of the umbilical vein and how is this different than with adult veins?
2. What happens to the umbilical arteries (and umbilical veins) once the pig is born?
3. What is the muscular structure located between the umbilical arteries?
4. When the pig is in the uterus, what happens to the urine when the bladder is full?
5. What is the purpose of the kidneys?
6. What are the names of the tubes that take urine away from the kidneys as to the bladder?
7. What are the names for the artery and the vein that supply blood to the kidneys?
8. What is the basic functioning unit of the kidney called?

9. The male urogenital opening is also the opening to the urethra, but the female urogenital opening is the opening to what two parts?

10. What is one difference between human female external reproductive openings and the pig's?

**Label the picture of BOTH the male system and the female system. (Regardless of if you had a boy pig or a girl pig, please label both.)**



