Name _____
Human Biology Lab Manual Lab Report
Laboratory Exercise 3: Mammalian Dissection

FETAL PIG DISSECTION

*Activity 1: Examine the External Anatomy of the Fetal Pig:*

1. Is the eyelid anterior or posterior to the umbilical cord? _____
2. Is the umbilical cord anterior or posterior to the urogenital opening of the male fetal pig? _____
3. Did you observe any hair or fur on the fetal pig? If so, where? _____
4. Do male or female fetal pigs or both have nipples? _____
5. What is the sex of your fetal pig? _____

*Activity 2: Examine the Oral Cavity of the Fetal Pig:*

1. What are the three portions of the pharynx? _____ _____ _____
2. What is the common name for the pharynx? _____
3. What structure prevents food and liquid from entering the trachea during swallowing? _____
4. What structure prevents food and liquid from entering the nasopharynx during swallowing? _____

*Activity 3: Dissection of Neck Region, Thoracic and Abdominal Cavities of the Fetal Pig*

## NECK REGION

1. What structure contains the vocal cords? _____
2. What structure is also known as the windpipe? _____
3. What structure is dorsal to the trachea and is part of the digestive system? _____

## THORACIC CAVITY

1. What structure divides the thoracic cavity from the abdominal cavity? _____
2. What structure serves as the pump for the cardiovascular system? _____
3. How do the lungs of the fetal pig differ from that of the human?

_____

_____

## ABDOMINAL CAVITY

1. List the organs of the digestive system that are in the abdominal cavity.

_____

_____

2. What organs are considered accessory organs to the digestive system?

_____

3. How does the large intestine of the fetal pig differ from that of the human?

_____

_____

4. What system do the kidneys belong to? _____

*Activity 4: Lab Review*

1. What structure is a stretchy muscular tube that begins at the pharynx and connects to the stomach for food to travel? _____
2. What cavity are the heart and lungs found in: thoracic or abdominal? _____
3. Where is the site of gas exchange in the respiratory system? _____
4. What connective tissue keeps the abdominal organs contained? _____
5. What organ stores bile? _____
6. Which organ of the digestive system is the site of absorption of nutrients? _____
7. Which organ of the abdominal cavity is part of the lymphatic system? _____
8. What organ is both an exocrine and endocrine gland? _____