Lab Report

**Observations:**

**I. External Anatomy: Answer these questions before continuing your dissection**

1. How is the shark’s nose different from our own?

2. Why are the Spiracles important?

3. The mouth of the shark is part of which organ system(s)?

4. What is the function of the Gill Slits?

5. What does the Lateral Line do?

6. What two organ systems is the Cloaca a part of?

7. Since the Clasper is only present on male dogfish sharks, what gender is your shark?

8. How many fins does a dogfish shark have?

9. What’s another name for the Rostrum?

10. Where are the Dorsal Spines located?

**IV. Internal Organs: Answer these questions before continuing your dissection.**

11. How is the shark’s digestive system different from a human’s?

12. How is the shark’s circulatory system different from a human’s?

13. How did you position your shark to begin dissecting the abdominal cavity?

14. Why do you think cutting through the pectoral girdle may have been difficult?

15. Write at least one think you found interesting about the shark’s digestive or circulatory system.

**V. Urogenital System: Answer these questions before continuing with your dissection.**

16. What do the kidneys look like?

17. Where are the testes located in the male shark?

18. Where are the ovaries located in the female shark?

19. What is the function of the shell gland?

20. What is the function of the siphon?

**VI. Nervous system: Answer these questions before continuing your dissection.**

21. What is the largest single part of the shark’s nervous system?

22. What does the optic lobe receive information from?

23. What does the medulla oblongata control?

24. What does the cerebellum control?

25. What did you find interesting about the shark’s nervous system?