



Dissection 101: Dogfish Shark

PowerPoint Quiz (Teacher)

Dogfish Shark Dissection Quiz: Complete the following questions.



1. Name the fin indicated. **Pelvic fin**
2. Male, female, or both? **Male**
3. What is a function of this structure? **Paired openings, leading into the gills, for oxygen rich water to pass. Especially important when mouth is closed or blocked by obstructions like sand.**
4. Name the structure indicated. **Rectal gland**
5. What is a function of this structure? **Removal of salt, deposits into large intestine**
6. Name the structure indicated. **Spleen**
7. What is a function of this structure? **Immune (white blood cell production); filters and stores blood**
8. Name the structure indicated. **Liver**
9. What is a function of this structure? **The three lobed liver is the largest organ in the abdomen cavity; the liver is comprised of two large lateral lobes and a smaller medial lobe; the liver has many functions including detoxifying blood, stores oil for energy and density reduction (lacks swim bladder) and produces bile for fat digestion**
10. Name the structure indicated. **Rugae/ Also accept stomach**



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11. What is a function of this structure? **Folds that increase surface area for digestive juices and for increased volume for food storage**
Or
Food storage and digestion; complete digestive system
12. What is the structure indicated? **Mesentery**
13. Name the structure indicated. **Uterus**
14. Name the structure indicated. **Atrium**
15. What is a function of this structure? **Blood then enters the atrium (which has two lobes) from the sinus venosus. The atrium then pumps the blood to the ventricle.**

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