Questions Lecture Exam 3

1. This exam covers chapters 13, 14, 15 and 16

Blood vessels and circulation – Chapter 13

2. What is a portal system? Name 2 portal systems found in humans.

3. Distinguish between pulmonary and systemic circulations.

The Lymphatic System and Immunity - Chapter 14

4. Distinguish between active and passive immunity.

5. Distinguish between B cells and T cells.

6. Define inflammation and interferon.

7. Define and give examples of non-specific and specific immune responses.

8. What are immunoglobulins = antibodies? Name the cells form them.

Respiratory System

9. Write the route taken by air from nostrils to alveoli by placing arrows between parts.

10. Explain external respiration = exchange between blood and alveoli.

11. Explain internal respiration = exchange between blood and tissues.


13. What happens to chest and diaphragm during inspiration?

Digestive System

14. Name one enzyme for carbohydrate digestion and name products of the reaction.

15. Name one enzyme for protein digestion and name products of the reaction.

16. Name one enzyme for lipid digestion and name products of the reaction.

17. Name the organs of digestive system from mouth to anus.

18. Give the role of bile in digestion and absorption of fats.