

HESI A2 Anatomy and Physiology Practice Questions

Section: HESI A2 Anatomy and Physiology Exams • Total Questions: 10 • Format: Verified Q&A

1. To where are all the nutrients that enter the hepatic portal vein routed for decontamination?

- (A) Kidney
 - (B) Pancreas
 - (C) Spleen
 - (D) Liver
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2. Which bones are formed by intramembranous ossification?

- (A) Flat bones
 - (B) Long bones
 - (C) Short bones
 - (D) Irregular bones
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3. Which muscle of the quadriceps group is located on the lateral surface of the lower extremity?

- (A) Vastus lateralis
 - (B) Gastrocnemius
 - (C) Anterior tibialis
 - (D) Rectus femoris
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4. How much air does an adult inhale in an average breath?

- (A) 500 mL
 - (B) 750 mL
 - (C) 1000 mL
 - (D) 1250 mL
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5. What type of tissue is represented by a tissue examined under the microscope that exhibits the following characteristics: cells found on the internal surface of the stomach, no extracellular matrix, cells tall and thin, and no blood vessels in the tissue?

- (A) Epithelial
 - (B) Connective
 - (C) Muscle
 - (D) Cartilage
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6. What are groups of similar cells called?

- (A) Membrane
 - (B) System
 - (C) Organ
 - (D) Tissue
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7. Which muscle of the quadriceps group is located on the side surface of the lower extremity?

- (A) Vastus lateralis
 - (B) Gastrocnemius
 - (C) Anterior tibialis
 - (D) Rectus femoris
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8. What is the name of the outermost layer of the skin?

- (A) dermis
 - (B) epidermis
 - (C) subcutaneous tissue
 - (D) hypodermis
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9. Which structure is located on the sternum?

- (A) Xiphoid process
 - (B) Sesamoid bone
 - (C) Hyoid bone
 - (D) Ossified process
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10. Which system in the human body is responsible for transporting blood throughout the body?

- (A) Digestive System
 - (B) Circulatory System
 - (C) Nervous System
 - (D) Respiratory System
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