

Defib Academy Ch. 6 Workbook Homework

Total points 78/100 ?

Chapter 6 (The Human Body) Workbook Homework

Email *

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✓ There are 10 ribs located in the thorax. *

2/2

1. False



2. True

✓ Transmit electrical impulses to the muscles, causing them to contract: *

2/2

☒ Motor nerves



☐ Peripheral nervous system

☐ Sensory nerves

☐ Brain



✗ Exits the brain through an opening at the base of the skull: *

0/2

- ☐ Peripheral nervous system
- ☐ Sensory nerves
- ☒ Central nervous system
- ☐ Spinal cord

✗

✓ Which of the following systems is responsible for releasing chemicals that regulate body activities?

*2/2

- ☐ Nervous
- ☐ Cardiovascular
- ☒ Endocrine
- ☐ Skeletal

✓

✓ The outermost layer of skin: *

2/2

- ☐ Ligament
- ☐ Diffusion
- ☐ Flexion
- ☒ Epidermis

✓



✗ The knee is a ball-and-socket joint. *

0/2

1. True



2. False

Feedback

You are an adult and are the only one allowed to discuss your academic history with any of the Defib staff. This includes dismissals and any pending prerequisites.

✓ What organ secretes enzymes that are used to digest fats, starches, and protein? *2/2

☐ Liver

☐ Gallbladder

☒ Pancreas



☐ Spleen

✗ A wave-like contraction of smooth muscle: *

0/2

☐ Peristalsis

☐ Diffusion

☐ Residual volume

☒ Symphysis



✓ Brain and spinal cord: *

2/2

- ☒ Central nervous system
- ☐ Sensory nerves
- ☐ Peripheral nervous system
- ☐ Motor nerves



✓ Muscle responsible for all bodily movement: *

2/2

- ☐ Smooth
- ☒ Skeletal
- ☐ Cardiac



✓ Muscle under the direct control of the brain: *

2/2

- ☐ Cardiac
- ☒ Skeletal
- ☐ Smooth



✓ The aorta is the only artery that supplies the groin and lower extremities with blood. *2/2

1. False



2. True

✓ Controls all functions of the body: * 2/2

☐ Spinal cord

☐ Central nervous system

☐ Motor nerves

☒ Brain



✓ Talus * 2/2

1. Upper extremity bone

2. Lower extremity bone



✗ Calcaneus * 0/2

1. Upper extremity bone

2. Lower extremity bone



✓ Allow contact between the blood and the cells of the tissues: * 2/2

- ☒ Capillary vessels
- ☐ Diffusion
- ☐ Midsagittal plane
- ☐ Symphysis



✓ The bending of a joint: * 2/2

- ☐ Diffusion
- ☒ Flexion
- ☐ Ligament
- ☐ Anatomic position



✗ The, ____ is connected to the intestine by the bile ducts. * 0/2

- ☒ Spleen
- ☐ Appendix
- ☐ Liver
- ☐ Stomach



✓ A backup system to control respirations: *

2/2

- ☒ Hypoxic drive
- ☐ Midsagittal plane
- ☐ Symphysis
- ☐ Peristalsis



✓ An imaginary vertical line dividing the body into equal left and right halves:

*2/2

- ☐ Anatomic position
- ☒ Midsagittal plane
- ☐ Pathophysiology
- ☐ Symphysis



✓ Cannot function on anaerobic metabolism: *

2/2

- ☒ Cardiac muscle
- ☐ Skeletal musc
- ☐ Smooth muscle



✓ Standing, facing forward, palms facing forward: *

2/2

- ☐ Peristalsis
- ☐ Flexion
- ☒ Anatomic position
- ☐ Symphysis



✗ Which of the following vessels does NOT carry blood to the heart? *

0/2

- ☒ Inferior vena cava
- ☐ Superior vena cava
- ☐ Pulmonary vein
- ☐ Pulmonary artery



✓ Muscle found in the walls of the gastrointestinal tract: *

2/2

- ☒ Smooth
- ☐ Cardiac
- ☐ Skeletal



✗ Which of the following would be considered an underlying cause of shock?

*0/2

- ☐ Decrease in anaerobic metabolism
- ☒ Increased pumping ability of the heart
- ☐ Increased blood volume
- ☐ Loss of blood vessel control

✗

✓ Exhaled air contains 21 % oxygen. *

2/2

- 1. False
- 2. True

✓

✓ Fibrous tissue that connects bones to bones *

2/2

- ☐ Dead space
- ☐ Epidermis
- ☐ Midsagittal plane
- ☒ Ligament

✓

✓ The phalanges are the bones of the fingers and toes. *

2/2

- 1. True
- 2. False

✓



✓ The leaf-shaped flap of tissue that prevents food and liquid from entering the trachea is called the: *2/2

- ☐ Larygopharynx
- ☒ Epiglottis
- ☐ Cricothyroid membrane
- ☐ Uvula



✗ Patella *

0/2

- 1. Upper extremity bone
- 2. Lower extremity bone



✗ A joint that has grown together to form a stable connection, allowing only slight motion: *0/2

- ☐ Symphysis
- ☒ Peristalsis
- ☐ Dead space
- ☐ Diffusion



✓ Fibula *

2/2

1. Upper extremity bone
2. Lower extremity bone



✓ Carry sensations of taste and touch to the brain: *

2/2

- ☐ Central nervous system
- ☐ Motor nerves
- ☒ Sensory nerves
- ☐ Peripheral nervous system



✓ Muscle found only in the heart: *

2/2

- ☒ Cardiac
- ☐ Skeletal
- ☐ Smooth



✓ Humerus *

2/2

1. Upper extremity bone
2. Lower extremity bone



✓ A study of how normal physiology is affected by disease: *

2/2

- ☐ Diffusion
- ☐ Peristalsis
- ☐ Symphysis
- ☒ Pathophysiology



✓ Muscle that attaches to the bone: *

2/2

- ☐ Smooth
- ☒ Skeletal
- ☐ Cardiac



Full Name (first and last) *

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✓ The right atrium receives blood from the pulmonary veins. *

2/2

1. True
2. False



✓ The volume of blood pumped with each contraction: *

2/2

- ☐ Hypoxic drive
- ☒ Stroke volume
- ☐ Tidal volume
- ☐ Diffusion



✗ Does not participate in gas exchange: *

0/2

- ☐ Dead space
- ☐ Residual volume
- ☐ Hypoxic drive
- ☒ Symphysis



✓ Can generate its own electrical impulses: *

2/2

- ☒ Cardiac muscle
- ☐ Smooth muscle
- ☐ Skeletal muscle



✓ Clavicle *

2/2

1. Upper extremity bone
2. Lower extremity bone

✓

✗ Ulna *

0/2

1. Lower extremity bone
2. Upper extremity bone

✗

✓ In the female, what structure carries the ovum to the uterus? *

2/2

- ☐ Seminal Vesicles
- ☒ Fallopian tube
- ☐ Ovary
- ☐ Vas deferens

✓

✓ The amount of air moved in and out of the lungs in a single breath: *

2/2

- ☒ Tidal volume
- ☐ Hypoxic drive
- ☐ Stoke volume
- ☐ Peristalsis

✓



✓ The movement from higher concentration to lower concentration: * 2/2

- ☐ Peristalsis
- ☐ Symphysis
- ☐ Tidal volume
- ☒ Diffusion



✓ Air that remains in the lungs after exhalation: * 2/2

- ☐ Stoke volume
- ☐ Dead space
- ☐ Diffusion
- ☒ Residual volume



✓ Links the central nervous system to various organs in the body: * 2/2

- ☐ Spinal cord
- ☒ Peripheral nervous system
- ☐ Sensory nerves
- ☐ Brain



✓ Which of the following is NOT a function of the urinary system? * 2/2

- ☒ Hormone regulation
- ☐ Fluid control
- ☐ pH balancing
- ☐ Waste filtration



✓ Forms the major muscle mass of the body: * 2/2

- ☐ Smooth
- ☐ Cardiac
- ☒ Skeletal



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