

Week one quiz

Question 1. Question :

(TCO 1) Which of these is *not* a survival need?

Student Answer:

- Oxygen
- Body temperature
- ✓ ☒ Reproduction
- Nutrients
- Water

Instructor Explanation: Chapter 1

Points Received: **2 of 2**

Comments:

Question 2. Question :

(TCO 1) Your body's thermostat is located in a part of the brain called the hypothalamus. Which of the following elements of a control system does this area in the brain represent?

Student Answer:

- Stimulus
- Afferent pathway
- Effector
- Efferent pathway
- ✓ ☒ Control center

Instructor Explanation: Chapter 1

Points Received: **2 of 2**


Comments:

Question 3. Question :

(TCO 1) Which ventral cavity subdivision has no bony protection?

Student Answer:

- Pelvic
- ✓ ☒ Abdominal
- Cranial

Thoracic
 Spinal

Instructor
Explanation:

Chapter 1

Points Received: **0 of 2**
Comments:

Question 4. Question :

(TCO 1) Which type of section could be used to separate the thoracic cavity from the abdominopelvic cavity?

Student Answer:

Sagittal
Dorsal
 Transverse
Coronal
Ventral

Instructor
Explanation:


Chapter 1

Points Received: **2 of 2**
Comments:

Question 5. Question :

(TCO 1) Which of the following orientation terms have opposite meanings (in humans)?

Student Answer:

 Distal and proximal
Posterior and intermediate
Medial and distal
Superficial and proximal
Medial and anterior

Instructor
Explanation:

Chapter 1

Points Received: **2 of 2**
Comments:

Question 6. Question :

(TCO 1) In describing the relationship between the patellar and popliteal regions,

Student Answer:

the patellar region is distal to the popliteal region.

the patellar region is lateral to the popliteal region.

the patellar region is proximal to the popliteal region.

✓ the patellar region is anterior to the popliteal region.

the patellar region is superior to the popliteal region.

Instructor
Explanation:

Chapter 1

Points Received: **2 of 2**

Comments:

Question 7. Question :

(TCO 2) The reaction $A + B \rightarrow AB$ is an example of a(n)

Student Answer:

exchange reaction.

decomposition reaction.

✓ synthesis reaction.

dehydration reaction.

denaturation reaction.

Instructor
Explanation:

Chapter 2

Points Received: **2 of 2**

Comments:

Question 8. Question :

(TCO 2) Atomic mass is equivalent to the number of ____ in an atom.

Student Answer:

✓ protons and neutrons

protons

neutrons

electrons

✗ protons and electrons

Instructor
Explanation:

Chapter 2


Points Received: **0 of 2**

Comments:

Question 9. Question :

(TCO 2) The atomic number of an atom reveals the number of

Student Answer:

- neutrons plus electrons.
-  protons in the atomic nucleus.
- protons plus electrons.
- electrons in the atomic nucleus.
- protons plus neutrons.

Instructor
Explanation:

Chapter 2


Points Received: **2 of 2**

Comments:

Question 10. Question :

(TCO 2) Which of the following solutions is the weakest acid?

Student Answer:

- A solution with a pH of 5.2
-  A solution with a pH of 6.4
- A solution with a pH of 8.6
- A solution with a pH of 10.1
- A solution with a pH of 2.4

Instructor
Explanation:


Chapter 2

Points Received: **2 of 2**

Comments:

Question 11. Question :


(TCO 2) Which of the following is an example of an inorganic molecule?

Student Answer: RNA
An amino acid
 Sodium chloride
Cholesterol
A fatty acid

Instructor Explanation: Chapter 2

Question 12. Question :

(TCO 2) Which of the following statements about enzymes is true?

Student Answer: They are not reusable.
They are carbohydrates.
They are required in large amounts in order to be effective.
They are stable at high temperatures.
 They are biological catalysts.

Instructor Explanation: Chapter 2

Points Received: **2 of 2**

Comments: