Maintaining Dynamic Equilibrium I — Practice Test

Newfoundland and Labrador Biology 2201 • 10 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A person breathes 12 times per minute. In 10 minutes, the number of breaths is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Recall the property. Villi in the small intestine increase**

A. stomach acid

B. heart rate

C. surface area for absorption

D. lung volume

Understand It with Pulse | Flag a mistake

3 **Apply the property. Sweating helps maintain body temperature by**

- A raising blood sugar
- B increasing heart rate only
- C blocking nerve impulses
- D evaporative cooling

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4 **Consider the property in general. When the body is dehydrated, ADH levels generally**

- A increase, increasing water reabsorption
- B decrease, increasing water loss
- C stay the same
- D stop kidney function

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5 **Review the property. Homeostasis is**

A a change in DNA

B the maintenance of stable internal conditions

C the growth of a population

D the loss of water only

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6 **Think about the statement. When blood sugar rises, insulin release is an example of**

A positive feedback

B diffusion

C negative feedback

D active transport

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7 **Recall the statement. Arteries carry blood**

A toward the heart

B only to the lungs

C only in veins

D away from the heart

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8 **Apply the statement. Gas exchange in the lungs occurs mainly in the**

A alveoli

B trachea

C bronchi only

D diaphragm

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9 **Consider the statement in general. In the stomach, pepsin begins digestion of**

A starch

B proteins

C fats

D vitamins

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10 **Review the statement. The functional unit of the kidney is the**

A alveolus

B villus

C nephron

D neuron

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	120	**5.**	B	**9.**	B
2.	C	**6.**	C	**10.**	C
3.	D	**7.**	D		
4.	A	**8.**	A		

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