

NLN NEX Science Quizlet

Section: NLN NEX Science Exams • Total Questions: 10 • Format: Verified Q&A

1. According to the Centers for Disease Control and Prevention (CDC) what is the most common cause of death for adults in the United States?

- (A) Liver disease
 - (B) Kidney disease
 - (C) Heart disease
 - (D) Lung disease
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2. This question refers to the human digestive tract as shown below. What is the principle process occurring in the region labeled 4?

- (A) Hydrolysis of proteins
 - (B) Synthesis of triglycerides
 - (C) Assimilation of fatty acids
 - (D) Absorption of water
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3. A buffer resists changes in the concentration of which ions?

- (A) Hydrogen (H)
 - (B) Sodium (Na)
 - (C) Hydroxide (OH)
 - (D) Potassium (K)
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4. Why is it likely that a patient with high blood pressure is prescribed a diuretic drug?

- (A) To increase urine flow, and to decrease total blood volume that must be pumped
 - (B) To decrease urine flow, to increase total blood volume that must be pumped
 - (C) To increase urine flow, and to make the blood less viscous and easier to pump
 - (D) To increase urine flow, and to increase the total blood volume that must be pumped
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5. A health care provider assesses a client who was struck in the head and no longer has the sensation of touch, pressure, temperature, or pain, but they can taste. Which lobe of the brain was injured?

- (A) Parietal
 - (B) Temporal
 - (C) Insular
 - (D) Frontal
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6. Where are chromaffin cells located?

- (A) Ovarian cortex
 - (B) Ovarian medulla
 - (C) Suprarenal cortex
 - (D) Suprarenal medulla
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7. The following question is based on the table below that shows the average daily requirements of essential amino acids in the diet at various stages of human life. Which of these amino acids is required in the greatest amount in the diet of toddlers?

- (A) Leucine
 - (B) Phenylalanine and tyrosine
 - (C) Valine
 - (D) Lysine
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8. In order to increase the amount of oxygen produced by a plant, available

- (A) glucose should be increased
 - (B) carbon dioxide should be increased
 - (C) carbon dioxide should be decreased
 - (D) glucose should be decreased
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9. During translation, the cell produces proteins by using information from

- (A) siRNA
 - (B) tRNA
 - (C) mRNA
 - (D) rRNA
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10. This question refers to the diagram below of the human eye. Structure number 1 is necessary in order for the eye to

- (A)** regulate the amount of light entering the posterior chamber
- (B)** focus images on the retina
- (C)** protect itself from the entrance of foreign objects and debris
- (D)** pick up light stimuli from the environment