NLN NEX Science

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

1. Which of the following structures is found only in bacterial cells, not in plant or animal cells?

(A) Cell membrane
(B) Ribosomes
(C) DNA
(D) Nucleoid

2. Veins throughout the body contain the structures shown in the image to prevent which of the following from occurring?

(A) Backflow of blood
(B) Forward flow of blood
(C) Blood leaking into the interstitial spaces
(D) Obstruction of blood flow

3. Which ecological process is shown by the diagram?

(A) Insolation
(B) Succession
(C) Dispersal
(D) Advection

4. What advice should a person with low levels of the enzyme lactase receive regarding dietary adjustment?

(A) Avoid foods containing dairy
(B) Avoid nuts and legumes
(C) Avoid red meat
(D) Avoid foods containing gluten

5. If an individual has a lesion on the brain that damages cranial nerve I, which of the following senses will be impacted?

(A) Sight
(B) Touch
(C) Smell
(D) Taste

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7. A person who can no longer store and concentrate bile in the gallbladder should stay away from which of the following foods/beverages?

(A) Protein shakes
(B) Alcoholic beverages
(C) Foods that are higher in fats
(D) Drinks high in carbohydrates

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8. Which of the following substances comprises the majority of the human cell membrane?

(A) Phospholipid bilayer
(B) Protein
(C) Ergosterol
(D) Cholesterol

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9. A major function of the lymphatic system is the

(A) return of formed elements to the blood
(B) production of interstitial fluid
(C) return of interstitial fluid to the blood
(D) production of clotting factors

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10. Refer to the pictures below of four different animal species. Which of these species features embryonic development that occurs outside of the mother on land, together with parental care of the young?

(A) s-8-a.png

(B) s-8-b.png

(C) s-8-c.png

(D) s-8-d.png