

ATI TEAS 7 EXAM BILOGY 2023 - CORRECT ANSWERS ARE HIGHLIGHTED

When the chromosomes line up in mitosis this is known as which phase?

- A. Telophase
- B. Anaphase
- C. Metaphase
- D. Prophase

Which cellular organelle contains enzymes that are considered digestive?

- A. Golgi Apparatus
- B. Lysosomes
- C. Nucleus
- D. Ribosomes

Organs repair themselves through a process of?

- A. Meiosis
- B. Mitosis
- C. Cellular differentiation
- D. Transformation

Which of the following is considered a model for enzyme action?

- A. Lock and Key model
- B. Enzyme interaction model
- C.

Transformation model

D. Transcription model

Which of the following statements about enzymes is not true?

- A. Enzymes are catalysts.
- B. Almost all enzymes are proteins.
- C. Enzymes operate most efficiently at optimum pH.
- D. Enzymes are destroyed during chemical reactions.

Which of the following statements about prostaglandins is not true?

- A. Prostaglandins promote inflammation.
- B. Prostaglandins can only constrict blood vessels.
- C. Prostaglandins are made in the renal medulla.
- D. Prostaglandins can lead to pain and fever.

Cholesterol that is known as (LDL) stands for:

- A. Low-density lipoproteins
- B. Low-density lysosomes
- C. Level-density lipoproteins
- D. Level-density lysosomes

Hardening of the arteries is known as:

- A. Atherosclerosis
- B. Venous narrowing
- C. Micro-circulation
- D. Hypertension

The top number on a blood pressure reading indicates:

- A. Diastolic pressure
- B. Transient pressure
- C. Optimum pressure
- D. Systolic pressure

Litmus paper that is blue will turn/stay _____ in the presence of a strong base.

- A. Orange
- B. Red
- C. Blue
- D. Green

Breathing properly requires the presence of what compound that affects surfacetension of alveoli in the lungs?

- A. Potassium
- B. Plasma
- C. Surfactant
- D. Sodium Chloride

Which of the following is not considered a function of the kidneys?

- A. Secretion
- B. Reabsorption
- C. Transport
- D. Filtration

The functional unit of the kidney is known as?

- A. Medulla