

ATI TEAS 7 NURSING ENTRANCE EXAM 2023 BIOLOGY- QUESTIONS AND ANSWERS

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.
Orang
eB.
Red C.
Blue D.
Green

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

A.
Potassiu
mB.
Plasma C.
Surfactant
D. Sodium Chloride

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

A. Secretion
B. Reabsorpti
onC.
Transport
D. Filtration

The functional unit of the kidney is known as?

A. Medulla
B. Glomeru
lusC.
Pyramid
D.
Nephron