

ATI TEAS NURSING ENTRANCE EXAM REVIEW TEST BANK 2025
UPDATE/PRACTICE QUESTIONS AND CORRECT VERIFIED
ANSWERS (complete solutions) ASSURED SUCCESS/GRADED
A+!!!

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 - ***CORRECT ANSWER-A***

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. - ***CORRECT ANSWER-D***

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. - ***CORRECT ANSWER-B***

Cholesterol that is known as (LDL) stands for:

- A. Low-density lipoproteins
- B. Low-density lysosomes
- C. Level-density lipoproteins
- D. Level-density lysosomes - ***CORRECT ANSWER-A***

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

- A. Telophase
- B. Anaphase
- C. Metaphase
- D. Prophase - ***CORRECT ANSWER-C***

Which cellular organelle contains enzymes that are considered digestive?

- A. Golgi Apparatus

B. Lysosomes

C. Nucleus

D. Ribosomes - ***CORRECT ANSWER-B***

Organs repair themselves through a process of?

A. Meiosis

B. Mitosis

C. Cellular differentiation

D. Transformation - ***CORRECT ANSWER-B***

Hardening of the arteries is known as:

A. Atherosclerosis

B. Venous narrowing

C. Micro-circulation

D. Hypertension - ***CORRECT ANSWER-A***

The top number on a blood pressure reading indicates:

A. Diastolic pressure

B. Transient pressure

C. Optimum pressure

D. Systolic pressure - ***CORRECT ANSWER-D***

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

A. Orange

B. Red

C. Blue

D. Green - ***CORRECT ANSWER-C***

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

A. Potassium

B. Plasma

C. Surfactant

D. Sodium Chloride - ***CORRECT ANSWER-C***

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

A. Secretion

B. Reabsorption

C. Transport

D. Filtration - ***CORRECT ANSWER-C***

The functional unit of the kidney is known as?

A. Medulla

B. Glomerulus

C. Pyramid

D. Nephron - ***CORRECT ANSWER-D***

Which of the following formulas indicate the ideal gas law?

A. $PV = knT$ or $PV = RnT$

B. $V = kT$

C. $PV = k$

D. $KTV = PR$ - ***CORRECT ANSWER-A***

Which of the following is not considered a characteristic or property of a gas?

A. Volume

B. Mass

C. Pressure

D. Particles - ~~**CORRECT ANSWER**~~-D

Which of the following is described in the definition: An object immersed in a fluid is buoyed up by a force equal to the weight of the fluid displaced by the object?

A. Archimedes' principle

B. Charles' law

C. Boyle's law

D. Anderson's principle - ~~**CORRECT ANSWER**~~-A

Liquids that evaporate quickly are known as _____ liquids.

A. Viscous

B. Volatile

C. Evaporative

D. Transient - ~~**CORRECT ANSWER**~~-B

High frequency sound waves are known as:

A. Fundamental waves

B. Overtones

C. Consonance waves

D. Dissonance waves - ***CORRECT ANSWER***-B

The first American to win a Nobel Prize was _____ for measuring the speed of light.

A. Albert Einstein

B. Albert Michelson

C. Grimaldi

D. Thomas Young - ***CORRECT ANSWER***-B

What anatomical structure connects the stomach and the mouth?

A. Trachea

B. Spinal column

C. Hepatic duct

D. Esophagus - ***CORRECT ANSWER***-D

The process of cytoplasm division during plant cell replication is known as?

A. Cytokinesis

B. Photosynthesis

C. Cytosynthesis

D. Cytoplasmosis - ***CORRECT ANSWER-A***

The end products of photosynthesis are ____ and ____.

A. Oxygen and Glucose

B. Glucose and Nitrogen

C. Nitrogen and Carbon Dioxide

D. Carbon Dioxide and Glucose - ***CORRECT ANSWER-A***

Gas exchange occurs in which of following tissues?

A. Veins

B. Arteries

C. Capillaries

D. Skin - ***CORRECT ANSWER-C***

Which of the following organisms is considered an invertebrate?

A. Cat

B. Starfish

C. Eagle

D. Platypu - **~~CORRECT ANSWER~~**-B

Distance and force multiplied together indicate?

A. Power

B. Joules

C. Work

D. Energy - **~~CORRECT ANSWER~~**-C

Which physical characteristic of a solution may indicate the presence of a transition element?

A. Its density

B. Its color

C. Its effect on litmus

D. Its effect on phenolphthalein - **~~CORRECT ANSWER~~**-B

In a redox reaction the reducing agent will

A. Lose electrons and be reduced

B. Lose electrons and be oxidized

C. Gain electrons and be reduced

D. Gain electrons and be oxidized - ***CORRECT ANSWER***-B

What products are obtained with $\text{CH}_4(\text{g})$ burns completely in an excess of oxygen?

A. CO and H_2O

B. CO and C

C. CO_2 and H_2O

D. CO_2 and CO - ***CORRECT ANSWER***-C

Everyone in the bank-including the manager and the tellers, ran to the door when the fire alarm rang.

A. tellers, ran

B. tellers:ran

C. tellers, had run

D. tellers-ran

E. tellers' ran" - ***CORRECT ANSWER***-D

In August my parents will be married for twenty-five years.

A. will be married for twenty-five years.