ATI TEAS 7 TEST BANK LATEST VERSION.

1. How are carbohydrates used by the body? Choose ALL answers that apply.

- Storage Recognition 2. What type of immunity does a vaccine provide? Choose on YONE best answer. anturally acquired passive immunity Artificially acquired passive immunity Naturally acquired active immunity Naturally acquired active immunity Naturally acquired
 - Lungs
 - **Parathyroid gland**
 - Kidneys
 - Thymus
- 4. Which cavity contains all of the frontal cavities? Choose only ONE best answer.
 - Dorsal
 - Thoracic
 - Abdominopelvic
 - Ventral
- 5. Which of the following carry oxygenated blood? Choose ALL answers that apply.
 - Pulmonary artery
 - **Pulmonary vein**
 - Aorta
 - Superior vena cava
- 6. Which of the following are disaccharides? Choose ALL answers that apply.
 - Sucrose
 - Glucose
 - Cellulose
 - Lactose
- 7. Which body system is responsible for the transport of dissolved oxygen from the lungs to

- It signals the collecting ducts to expel more urine.
- It affects the amount of water and salt stored or released by the body.
- It signals the heart to reduce its systole contraction. •
- It relaxes blood vessels.

65. Which of the following has an acidic pH?

- Lemon juice
- Blood
- Urine
- Salt water •

66. Which of the following are properties of a liquid?

- High atomic attraction
- **Fixed volume**
- Low pressure
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67. Which eavity is primarily lined by the peritoneum?

- Abdominal
 - Dorsal
 - Ventral
 - Thoracic
- 68. A veterinarian student designs a study to examine the nutritional qualities of dog food. She believes that a grain-free diet can affect dog health. She selects 3 of the top-selling dog food brands for her study. From a local humane society, she selects several chihuahua puppies under the age of 1 year. She will track these puppies for the next year and access their health, include weight, complete blood count, and paw size. Three puppies will be fed nothing but brand #1 dog food, 10 puppies will only be fed Brand #2, and 10 puppies will only be fed Brand #3.

How the researcher best improves this experiment?

- The experiment should include 7 more dogs for the Brand #1 group.
- The daily serving size of kibble should be controlled.
- The experiment needs a clearly defined control of puppies.

- Researching previous studies for background.
- 99. An FBI agent has spent her career studying individual serial killers. From this data, she creates a theory about the traits of these killers. What type of reasoning has she used?
 - **Deductive Reasoning** •
 - Conductive Reasoning
 - Quantitative Reasoning
 - Inductive Reasoning
- 100. Which of the following is not true about the relationship between the gastlorntestinal system and the endocrine system?

 - Hormones signal to your boost (you are hungry or full.
 Hormones regulate the amount of glucost or y up bloost
 - Hormony's invitate digestive a ones and peristalsis when you've eaten and need to e g is el the food.
 - All of the above are tr

101. Where is keratin?

- It is a protein-digesting enzyme released by the stomach.
- It is. released in the neuromuscular junction.
- It is a protein found in the hypodermis.
- It is a protein found in hair.
- 102. Sulfur has an atomic number of 16 and an atomic mass of approximately 32. How many neutrons and electrons could a negative ion of Sulfur have?
 - 16 neutrons, 16 electrons
 - 16 neutrons, 17 electrons
 - 17 neutrons, 16 electrons
 - 17 neutrons, 17 electrons

103. is the function of the Vas Deferens?

- Makes fluid to increase sperm mobility
- Site where the egg matures

- Helps control urine flow
- Connects each testis to the urethra

104. Dysentery is an infectious disease caused by what type of microbe?

- Helminth
- Bacteria
- Protozoan
- Fungus

105. Consider the graph which represents a botanist's data of root growth. What is the independent variable?

Temperature (F)	Root Length (CM) after 1 Hour	
28	72 CO.UK	
32	Notesa	
40 From	of 58	
eroview and	19 70	
Temperature		Choose
Root tissue		

- Light exposure
- Root length

106. Which of the following best describes the relationship among density, volume, and mass?

- As volume increases, density increases.
- As volume decreases, density increases.
- An object's mass does not affect its density.
- As volume decreases, mass increases.

107. Which term refers to the mechanical act of breathing?

- Diffusion
- Perfusion
- Respiration
- Ventilation

- Urea
- Urine
- Lactic acid

126. Which of the following infectious diseases can be caused by a protozoan?

- Measles
- Malaria
- Mumps
- Mononucleosis

127. Which of the following is made by Natural Killer Cells in order to create pores for rupture?

- Interferon
- Apoptosis

- 128. Which of the following does not describe the sederal trait of macrometers
 They can be single chains
 They can be branched
 They can be branched gen23 of They all chief
 - they all are used by th

129. Which of the following is a bone in or near the hand?

- **Phalanges**
- Metatarsals
- Metacarpals
- Carpals

130. At which step in the scientific method might a scientist create a model?

- Hypothesis
- Data analysis
- Experimentation
- Conclusion

131. What is hydroxyapatite?

- A mixture of minerals like calcium and phosphorus that strengthen the collagen matrix of bone.
- The structural unit of a bone that runs the length of the bone.
- The covering of bones at the point of articulation to prevent grinding.
- The lightest portion of a long bone and concentrated at the ends.

- Lipids
- Proteins
- Carbohydrates and proteins •

161. Water has several important qualities that make it a unique molecule. Which of the following best describe some of the properties of water?

- Water is slightly basic with a pH of 7.2
- Water has a high specific heat capacity and high heat of vaporization.
- · Water's oxygen and hydrogen molecules are connected through covalent, nonpolar bonds.
- Water's triple point is near absolute zero (273.1 degrees)
- 162. Which of the following are a formula for ppm?
 - mg of solute ÷ kg solution
 - kg mass of solute ÷ kg mass of solution x 10^6
 - kg mass of solvent ÷ kg mass of solution •
 - mg of solute \div kg solution x 10^6 •

163. Which of the following are features of osmosis?

- Osmosis only involves water.
- Osmosis requires a membrane.
- tesale.co.uk Osmosis involves moving from an ation to low concentration.
- Osmosis requires ATE the

164. Where in the pody w uld one not expect

- Governg prinection points in th
- Around the trachea to provide protection
- In the ear to provide structure
- In the skin to provide elasticity.

165. A botanist would like measure the root length of various seedlings. Which tool would be best?

- A ruler with precision to the half inch.
- A microscope and a ruler.
- A microscope with magnification to the 10th power.
- A microscope and a ruler with precision to the millimeter.

166. Which macromolecule most provides the structure of for a human cell?

- Protein
- DNA
- Lipid
- Carbohydrate

167. What is another name for an antibody?

- Antigen
- Immunoglobulin

- Vitamin A is hydrophobic.
- Vitamin A is stored by the body in fat.
- Vitamin A is stored by the body in urine.

205. Which class of enzyme is involved in fat digestion?

- Amylase
- Bicarbonate
- Lipase
- Protease

206. In an acid-base reaction, water is formed along with which other substance?

- Simple sugar
- Salt
- Metal
- Carbon dioxide

207. What is a reflex arc?

- from Notesale.co.uk A special class of the torneurons that i up u
- Sensory of unors that connect to the spinal cord, not the brain, for a very fast reaction me to environmenta ctiro In-
- An involuntary response to environmental stimuli.
- Sensory neurons that connect to the brain stem for a very fast reaction time to environmental stimuli.

208. A researcher wants to examine the effectiveness of a new medication for blood pressure. The medication is taken daily with recommended dosage of 10 mg. The researcher recruits 100 adults for a study. Sixty of these adults will take the new medication, and 40 of the adults will serve as a control group. All adults will participate in the study for 6 months.

Which of the following is a dependent variable?

- Time in the study
- Blood pressure
- Placebo exposure
- Experimental drug exposure

209. Which of the following would be classified as an antigen-presenting cell (APC)?

264. Which of the following describes movement against a concentration gradient?

- Diffusion
- Osmosis
- Active Transport
- Supersaturation

265. Which would a researcher select for measuring mass?

- Triple-beam balance
- Meter
- Thermometer
- Electronic balance

266. Which of the following would be classified as an antigen-presenting cell (APC)?

- Macrophage
- Dendritic cell
- Eosinophils
- Neutrophils

Notesale.co.uk Notesale.co.uk 100 A7 of 53 would be expired in a Punnett square involving an allele with 267. Which a incommete dominance?

- 3:1
- 1:2:1
- · 9:3:3:1
- · Cannot be determined.

268. What is the difference between the prefix deci- and the prefix deca-?

- Deci- indicates a measurement of 0.001, and deca- indicates a measurement of 100.
- Deci- indicates a measurement of 0.01, and deca- indicates a measurement of 100.
- Deci- indicates a measurement of 0.01, and deca- indicates a measurement of 10.
- Deci-indicates a measurement of 0.1, and deca-indicates a measurement of 10 •

269. Which of the following is true about Punnett squares?

- Punnett squares indicate exactly what the genetic makeup of offspring will be.
- Punnett squares indicate possible phenotypes of offspring.
- Punnett squares can be used to understand the genome.
- Punnett squares suggest the probability of mutation.