

1 ATI TEAS 7 Reading 2024: Actual Exam Questions with Professor-Verified Answers | Scored 95% Accuracy

. Solve the equation for the value of x $7x - 6 = 3x - 26$ - ✓✓ANSWER✓✓>>- 5

What is the product of $\frac{5}{8} \times \frac{18}{4}$ (rounded to the nearest ten thousandth -
✓✓ANSWER✓✓>>2.8125

Four friends are sharing a pizza . One friend eats half of the pizza . The other three equally divide the rest among themselves . What portion of the pizza did each of the three friends receive ? - ✓✓ANSWER✓✓>> $\frac{1}{6}$

Which of the following is the correct conversion of 2 % yards into inches -
✓✓ANSWER✓✓>>99 inches

What is the area of a square that measures 3.1 m on each side ? -
✓✓ANSWER✓✓>> 9.61 m^2

Simplify $(18x^1yz) / (6xy')$ - ✓✓ANSWER✓✓>> $(3x^4y) / z^3$

Which of the following is the value of x in the equation ? $4x - 3 - 5x = 24$ -
✓✓ANSWER✓✓>>-27

Pat deposits \$ 600 in a savings account at a simple interest rate of 6 % per year for 5 years . how much will pat have earned in interest by the end of 5 years -
✓✓ANSWER✓✓>>\$ 180

A lab scale weighs 3 pounds , 5 ounces . Which of the following is the scales weight in ounces (oz) . - ✓✓ANSWER✓✓>>53 oz

A local law school reports that 74 % of last year's graduates are employed by law . firms , 3 % work for the government and 2 % work for non - profit organizations . The rest of the graduates work at jobs unrelated to law . Based on these outcomes , which of the following is the percentage of graduates working jobs unrelated to law ? -
✓✓ANSWER✓✓>>21 %

Using the numbers below , which of the following numbers is greatest -
✓✓ANSWER✓✓>>1.369 ,

14. The width of a rectangle is 4 inches (in) and the area of the rectangle is 32 in^2 , which of the following represents the length of the rectangle ? - ✓✓ANSWER✓✓>>8 in

An athlete can run 6 miles in 51 minutes . At this rate , how many miles could the athlete run in 90 minutes ? - ✓✓ANSWER✓✓>>10.6 miles

A garden in the shape of a square has an area of 13 square feet . Each side of the garden has a length of $\sqrt{13}$ feet . Which of the following is the decimal approximation for the length of each side - ✓✓ANSWER✓✓>>3.6 feet

What is $\frac{3}{8}$ divided by $\frac{5}{12}$ - ✓✓ANSWER✓✓>> $\frac{9}{10}$

A patient's temperature is recorded in degrees Fahrenheit every hour for 8 hr . the temperature in Fahrenheit were 99.0 , 99.2 , 98.7 , 99.3 , 99.7 , 98.6 , 100.0 , and 99.0 . What is the median temperature ? - ✓✓ANSWER✓✓>>99.1 * F

Arrange the following in order from the greatest to least . $\frac{265}{100}$, 26 % , 270 % , 2.6 - ✓✓ANSWER✓✓>>270 % , $\frac{265}{100}$, 2.6 , 26 %

30,29,28,30,24,12,26,33,25,23 - ✓✓ANSWER✓✓>>0 26

Which of the following is the main function of centrosomes in animal cells ? - ✓✓ANSWER✓✓>>Microtubule organization

Testosterone is categorized as which of the following types of hormone ? - ✓✓ANSWER✓✓>>Androgen

Which of the following are the two major parts of the nervous system ? - ✓✓ANSWER✓✓>>Peripheral nervous system and central nervous system

Hiker who found a human body at high altitude in the Italian Alps thought the man had died recently , but tests indicate that he was shot with an arrow more than 5,000 years ago . Which of the following would be the best reason for prolonged preservation of the body ? - ✓✓ANSWER✓✓>>The body was frozen in the cold temperature of the Alps shortly after he died and remained frozen until it was found though

Nitrogen gas is an extremely stable because its structure contain which of the following ? - ✓✓ANSWER✓✓>>Triple covalent bonds

Which of the following best describes the result of using a catalyst in a chemical reaction ? - ✓✓ANSWER✓✓>>The reaction is completed in a shorter amount of time .

Which of the following substances protect the skin from ultraviolet radiation ? -

✓✓ANSWER✓✓>>Melanin

In a hypertonic solution , water flows through aquaporins embedded in the plasma membrane of the cell . This type of transport is best known as which of the following ? -

✓✓ANSWER✓✓>>Osmosis

Which of the following is a group that can be measured against the experimental group ? -

✓✓ANSWER✓✓>>Control

A myocardial infarction affects which of the following blood vessels of the heart ? -

✓✓ANSWER✓✓>>Coronary artery

Which of the following processes caused most of the carbon dioxide from the blood to most into alveoli ? -

✓✓ANSWER✓✓>>Diffusion down a concentration gradient

Which of the following substances is excreted by sweat glands in response to the breakdown of proteins and the formation of ammonia ? -

✓✓ANSWER✓✓>>Urea

Lithium has an atomic number of 3 and a mass of 7 , which of the following is the number of protons in a lithium atom -

✓✓ANSWER✓✓>>3

Which of the following allows the AIDS virus which contains RNA to insert viral DNA into the DNA of a host T - cells after the AIDS virus enters the cells ? -

✓✓ANSWER✓✓>>Receptor proteins located on the surface of the virus

patient's urine output was 800 ml / hr . following a treatment , the patient's urine output increased to 1200 ml / hr . What is the percentage change in the urine output ? Dr Ha (round the answer the nearest whole number) -

✓✓ANSWER✓✓>>50%

Which of the following is the appropriate threshold value for mammalian neurons ? -

✓✓ANSWER✓✓>>-55 mV

In a certain plant , red flowers are dominant over white flowers . A plant heterozygous for red flowers and a plant with white flowers are crossed Which of the following is the expected proportion of phenotypes in the next generation ? -

✓✓ANSWER✓✓>>2 red , 2 white

Which of the following can lead to a tsunami ? -

✓✓ANSWER✓✓>>Earthquakes

Which of the following are used to determine a person's DNA sequence ? -

✓✓ANSWER✓✓>>Genes

Which of the following organic molecules contain both an amine and carboxyl group ? -
✓✓ANSWER✓✓>>Proteins

Osteoporosis results from which of the following - ✓✓ANSWER✓✓>>A decline in osteoblast activity while osteoclast activity continues at expected levels

Which of the following is released by one type of immune cell to directly activate type of immune cell ? - ✓✓ANSWER✓✓>>Cytokines

The measurement indicated by the line across the centre of the cell is best referred to as which of the following ? - ✓✓ANSWER✓✓>>Diameter

Which of the following properties of water explains its solvent abilities for certain substances - ✓✓ANSWER✓✓>>Polarity of water molecules

Which of the following vessels carries oxygenated blood ? -
✓✓ANSWER✓✓>>Pulmonary vein

Which of the following is a mass with the ovary that secretes hormones to maintain the uterine lining during pregnancy ? - ✓✓ANSWER✓✓>>Corpus luteum

separate genomic DNA fragments by size , which of these laboratory methods is most useful ? - ✓✓ANSWER✓✓>>Electrophoresis

In a plant in which fuzzy leaves (F) are dominant over smooth leaves (f) , which of the following crosses will produce only offspring with smooth leaves ? -
✓✓ANSWER✓✓>>ff x ff

Which of the following physiological responses is caused by the release of anti diuretic hormones ? - ✓✓ANSWER✓✓>>Increase in water reabsorption in the collecting duct

Which of the following is the atomic number that has 12 protons and 12 neutrons -
✓✓ANSWER✓✓>>24

Which of the following glands synthesizes antidiuretic hormone ? -
✓✓ANSWER✓✓>>Hypothalamus

Which of the following is the process in which an ovarian follicle matures and releases a reproductive egg ? - ✓✓ANSWER✓✓>>Ovulation

Which of the following reasons explains why it is important for new scientific findings to be published ? - ✓✓ANSWER✓✓>>Other scientists can validate or disapprove the findings