Unit 1: Safety and Introduction to Chemistry TEST

DISHS Chemistry

CLASS SET- PLEASE ONLY WRITE ON THE SCANTRON

Anutholis Choice + 2 points each/ Short Angwer + 9 points totals

Which of the following domains and instruments is paired cornectly?

Diomain Instrument

- so Cosmic Scanning Tunneling Microscope
- b) Macroscopic Stalance
 c) Microscopic Telescope
 d) Submicroscopic Microscope
- Chemistry mainly deals with which of the tollowing domains?
 - at Cosmic and Macroscopic
 - bi Macroscopic and Subriscroscopic
 - c) Microscopic and Cosmic
 - d) Subinicroscopic and Microscopic
- Which of the following is an example of a physical change?
 - all wipled burning
 - bo lice meiting
 - c) sodium bonding with the oxygen in water.
 - its iron bonds with the avoigen in the air to rust a car tumper
- Curing a liaboratory investigation, a student combined three chemicals in stastic bag, and sested the bag. After mixing the chemicals with no heat source for one minute, the following observations were taken.

Before and after observations are prograted in the following table:

Betore	After
"Three clear, coloness liquids "Liquids take up 2/3 of the big "Temperature: 74 °C	"The big has expanded "The clear, coloniess liquid level has decreased to falling up only 1/3 of the big "Temperature: 131 "C

Which piecels of evidence would help the student identify the change as a chemical change?

- a). The fotal mass of the system changed
- b) an unexpected new color appeared
- a new gas was produced.
- d) the temperature increased
- atg both a and b
- od) both c and d
- about) all the above
- Which of the following is an interence statement regarding the steel wool being heates? so Something from the air bonded to the steel wool.

Interactive Science Introduction To Chemistry Answers

Scott C. Dulebohn

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