

APPENDIX

SCIENCE ACHIEVEMENT TEST

Chapter: Matter in our surrounding

Name: -

class: -

Section: -

Instructions: - choose true or false.

1. Boiling is a bulk phenomenon True/False
2. Evaporation is a surface phenomenon True/False
3. The rate of evaporation depends only on the surface area exposed to the atmosphere True/False
4. Latent heat of vaporization is the heat energy required to change 1 kg. of a liquid to gas at atmospheric pressure at its melting point. True/False
5. Water at room temperature is a liquid. True/False
6. Atoms in a liquid are further apart than the atoms in a gas. True/false
7. The molecules in a gas are in constant motion. True/False
8. Gases present in air have the same pressure throughout the entire atmosphere. True/False
9. All materials move from solid to liquid to gas as the temperature increases. True/False

10. Because electrons have been stripped away from atoms in plasma, plasmas have a negative charge. True/False

11. It is just as easy to compress a liquid, as it is to compress a gas
True/False

12. Evaporation and boiling are the same processes because molecules move from a liquid to gaseous state True/False

13. If we pour liquid nitrogen (N_2) into a glass, it will change its state to a solid. True/False

14. You may find plasma in a star. True/False

15. A system that changes from a solid state to a liquid state gains energy. True/False

16. Plasmas are all made of the same ions. They have different colours due to different amounts of electricity. True/False

17. Matter is made up of small particles. True/False

18. Forces of attraction in liquids are stronger than in solid. True/False

19. Liquids that move quickly downhill are described as having high viscosity True/False

20. The pressure inside of a sealed tube if you raise the temperature goes up. True/False

.As the temperature of a system increases, the pressure of the gases creases. True/False

. Usually the total charge of a plasma is zero. True/False

. Rapid evaporation depends on the surface area exposed to nosphere True/False

.The smell of perfume gradually spreads across a room due to ffusion. True/False

i. Solid, liquid and gas are called the three states of matter. True/False