

COLEGIO BRITÁNICO INTERNACIONAL					
Group	:	7th grade "A"	Academic Year	:	2024 - 2025
Teacher	:	Ing. Diana Vaca	Date	:	21 - 03 - 2025
Student's Name	:		Total	:	____ / 10

1. What is matter made of according to the corpuscular theory?

- Large continuous blocks
- Small particles that move constantly
- Invisible waves

2. Which of the following is NOT a property of matter?

- Has mass
- Occupies space
- Can disappear completely
- Is made of tiny particles

3. Which state of matter has a fixed shape and volume?

- Gas
- Liquid
- Solid
- Plasma

4. In which state of matter do particles move the fastest?

- Solid
- Liquid
- Gas

5. What is the change from a solid to a gas called?

- Sublimation
- Evaporation
- Condensation
- Deposition

6. What process occurs when water vapor turns into liquid water?

- Freezing
- Condensation
- Evaporation
- Fusion

7. What is the name of the process when a liquid turns into a solid?

- Melting
- Condensation
- Freezing (Solidification)
- Evaporation

8. What is a progressive change in the states of matter?

- A change that moves towards a lower energy state
- A change where matter gains energy
- A process that does not involve energy transfer
- A change that only happens in gases

9. What is the center of an atom called?

- Electron cloud
- Nucleus
- Proton zone
- Atomic shell

10. What type of charge do protons have?

- Negative
- Neutral
- Positive
- No charge

11. Which subatomic particle has no charge?

- Proton
- Electron
- Neutron
- Atom

12. Which scientist proposed that atoms are indivisible spheres?

- Dalton
- Thomson
- Rutherford
- Bohr

13. What did Thomson's atomic model introduce?

- The idea of electrons inside an atom
- The concept of the nucleus
- The idea that atoms cannot be divided
- The concept of electron orbits

14. What does the atomic number tell us?

- The number of protons
- The number of electrons and neutrons
- The total weight of the atom
- The size of the atom

15. What is the first element in the periodic table?

- a) Oxygen
- b) Hydrogen
- c) Helium
- d) Carbon

16. Which element has the atomic number 8?

- a) Oxygen
- b) Nitrogen
- c) Carbon
- d) Neon

17. What do elements in the same column (family) of the periodic table have in common?

- a) The same atomic mass
- b) The same number of protons
- c) Similar chemical properties
- d) The same number of electrons in total

18. Which of the following is NOT in the first 20 elements?

- a) Neon
- b) Gold
- c) Calcium
- d) Sodium

19. What is the largest source of water on Earth?

- a) Rivers
- b) Oceans
- c) Lakes
- d) Underground water

20. Why is most of Earth's water not drinkable?

- a) It is frozen
- b) It is polluted
- c) It is salty
- d) It is underground

21. Which of these is NOT a common use of water?

- a) Drinking
- b) Cooking
- c) Making metal
- d) Irrigation

22. What percentage of Earth's water is freshwater?

- a) 97%
- b) 3%
- c) 50%
- d) 10%

23. Which of the following is an example of groundwater?

- a) Rainwater
- b) A lake
- c) An aquifer
- d) A river

24. Which human activity consumes the most water globally?

- a) Industry
- b) Drinking
- c) Recreation

25. Why is water conservation important?

- a) To reduce pollution
- b) To ensure there is enough water for future generations
- c) To lower ocean levels
- d) To increase water availability in space

26. What is one way people can conserve water at home?

- a) Taking longer showers
- b) Fixing leaks
- c) Leaving taps running
- d) Watering plants during the hottest part of the day

27. What is the name of the process where water evaporates, condenses, and falls as precipitation?

- a) The water system
- b) The water cycle
- c) The condensation process
- d) The evaporation cycle