

QUIZZZ

Physical Properties of Matter
30 Questions

NAME : _____

CLASS : _____

DATE : _____

1. Select the things made of matter

☐ A Sound

☐ B Water

☐ C Pencil

☐ D Telephone

☐ E Light

2.



How much matter an object contains for it's size

☐ A Matter

☐ B Density

☐ C Mass

☐ D Volumen

3.



Which Naterial allows electricity to flow through theme?

☐ A Electrical insulator

☐ B Electrical connductor

☐ C Heat conductor

☐ D Heat Insulator

4. If an object don't absorbe the heat we say it is a great...

☐ A Heat conductor

☐ B Heat point

☐ C Miami Heats

☐ D Heat insulator

5. The temperature at which a substance changes state from liquid to a solid...

☐ A Melting point

☐ B Freezing point

☐ C Density

☐ D Mass

6. The temperature at which a substance changes state from solid to liquid is called?

☐ A Boiling point

☐ B Sublimation point

☐ C Freezing point

☐ D Melting point

7. The amount of space occupied by a substance is called?

☐ A Volume

☐ B Space

☐ C Matter

☐ D Density

8. Melting point is the temperature at which a substance changes state from...

☐ A a liquid to a solid

☐ B a solid to a liquid

☐ C a gas to a solid

☐ D a liquid to a gas

9. Boiling point is the temperature at which a substance changes state from...

☐ A a liquid to a solid

☐ B a solid to a gas

☐ C a liquid to a gas

☐ D a gas to a solid

10. anything that has mass and takes up space

☐ A mass

☐ B matter

☐ C volume

☐ D physical property

11. the amount of matter in an object

☐ A evaporation

☐ B solubility

☐ C mass

☐ D matter

12. these can be observed with our 5 senses or measured

- | | |
|--|--|
| <input type="checkbox"/> A physical properties | <input type="checkbox"/> B boiling point |
| <input type="checkbox"/> C conductivity | <input type="checkbox"/> D condensation |

13. how much one substance can dissolve into another substance

- | | |
|--|---|
| <input type="checkbox"/> A volume | <input type="checkbox"/> B conductivity |
| <input type="checkbox"/> C evaporation | <input type="checkbox"/> D solubility |

14. when a gas cools and changes into a liquid

- | | |
|---|---|
| <input type="checkbox"/> A condensation | <input type="checkbox"/> B evaporation |
| <input type="checkbox"/> C volume | <input type="checkbox"/> D conductivity |

15. the amount of matter in a certain amount of space

- | | |
|------------------------------------|-----------------------------------|
| <input type="checkbox"/> A density | <input type="checkbox"/> B matter |
| <input type="checkbox"/> C volume | <input type="checkbox"/> D mass |

16. all matter is made of these tiny pieces that are always moving

- | | |
|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> A mass | <input type="checkbox"/> B density |
| <input type="checkbox"/> C matter | <input type="checkbox"/> D particles |

17. Which one is a mixture?

- | | |
|---|---|
| <input type="checkbox"/> A Water and Sugar. | <input type="checkbox"/> B Water and Water. |
| <input type="checkbox"/> C Gravel and Sand. | <input type="checkbox"/> D Salt and Water. |

18. Which one is a Solution?

- | | |
|---|---|
| <input type="checkbox"/> A Flour and Sugar | <input type="checkbox"/> B Sugar and Water. |
| <input type="checkbox"/> C Wires and Plastic. | <input type="checkbox"/> D Oil and Water. |

19. Which is a physical property of a solid?

- | | |
|--|---|
| <input type="checkbox"/> A Their atoms are very far apart. | <input type="checkbox"/> B It has fixed volume but not a fixed shape. |
| <input type="checkbox"/> C They expand to fill their containers. | <input type="checkbox"/> D Their atoms are very close together. |

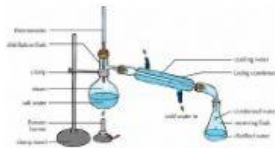
20. Which technique is not suitable to separate gravel mixed with water?

- | | |
|---|--|
| <input type="checkbox"/> A Filtration | <input type="checkbox"/> B Decantation |
| <input type="checkbox"/> C Using a magnet | <input type="checkbox"/> D Using a sieve |

21. Which technique of separating mixtures is needed to separate noodles from water?

- | | |
|--|--|
| <input type="checkbox"/> A Using a sieve | <input type="checkbox"/> B Decantation |
| <input type="checkbox"/> C Filtration | <input type="checkbox"/> D Manual separation |

22. What separation process is this?



- | | |
|---|---|
| <input type="checkbox"/> A Condensation | <input type="checkbox"/> B Distillation |
| <input type="checkbox"/> C Evaporation | <input type="checkbox"/> D Filtration |

23. Which of the following is a correct statement about distillation

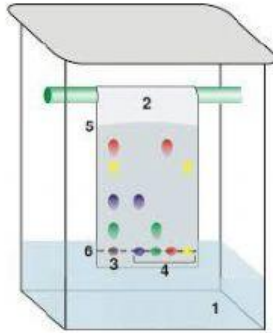
- | | |
|---|--|
| <input type="checkbox"/> A The components of the mixture form a heterogeneous mixture | <input type="checkbox"/> B The components of the mixture have different boiling points |
| <input type="checkbox"/> C The components of the mixture have different densities | <input type="checkbox"/> D The components of the mixture have different melting points |

24. Name the separation technique shown in the diagram.



- | | |
|---|---------------------------------------|
| <input type="checkbox"/> A distillation | <input type="checkbox"/> B filtration |
| <input type="checkbox"/> C evaporation | |

25.



Dyes in water soluble markers may be separated by means of..

- | | |
|--|---|
| <input type="checkbox"/> A sedimentation | <input type="checkbox"/> B chromatography |
| <input type="checkbox"/> C crystallization | <input type="checkbox"/> D sublimation |
26. Brass is an example of?
- | | |
|--|--|
| <input type="checkbox"/> A Homogeneous compound. | <input type="checkbox"/> B Heterogeneous mixture. |
| <input type="checkbox"/> C Homogeneous mixture. | <input type="checkbox"/> D Heterogeneous compound. |

27.



What is the separation technique in the picture?

- | | |
|--|--|
| <input type="checkbox"/> A Crystallization | <input type="checkbox"/> B Evaporation |
| <input type="checkbox"/> C Using a magnet | <input type="checkbox"/> D Decantation |

28.



This separation method is called...

- | | |
|--|---|
| <input type="checkbox"/> A Evaporation | <input type="checkbox"/> B Distillation |
| <input type="checkbox"/> C Magnetism | <input type="checkbox"/> D Filtration |

29.



Which method can you use to separate sand and iron filings?

☐ A

Magnetism

☐ B

Evaporation

☐ C

Distillation

☐ D

Filtration

30.

☐ A

heterogeneous mixture

☐ B

homogeneous mixture