GRADE 10 PHYSICAL SCIENCES PAPER 2 Memorandum

JUNE 2023

QUESTION 1

1.1. C Y

1.2. D

1.4. A

1.5. A --

[10]

QUESTION 2

- 2.1.
- 2.1.1. A pure substance is a substance that cannot be separated into simpler components by physical methods.
- 2.1.2.1 Element <
- 2.1.2.2 Consists of only one type of atom.
- 2.1,2.3 It is a combination of different metals (copper and zinc).
- 2.2. Pots and pans are made of metal, because metal is a good <u>conductor</u> which allows heat to be transferred so that food can cook. The handles are <u>insulators</u> so that you do not burn your hands when you pick up a hot pot.
- 2.3.1. (a) Temperature 🗸
- (b) Time
 2.3.2. Boiling point is the temperature of a liquid at which its vapour pressure equals to the external (atmospheric) pressure
- 2.3.3. The temperature remains constant because the energy is absorbed by the molecules. 🗸

The strength of the intermolecular forces between the molecules decreases.

The particles move faster and spaces between the particles increases.

The substance changes phase from liquid to gas

[15]

Physical Science June Common Test P2 Memorandum

Daniela Niemeyer

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Table of Contents Physical Science June Common Test P2 Memorandum

- 1. Understanding the eBook Physical Science June Common Test P2 Memorandum
 - The Rise of Digital Reading Physical Science June Common Test P2 Memorandum
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Physical Science June Common Test P2 Memorandum
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Physical Science June Common Test P2 Memorandum
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Physical Science June Common Test P2 Memorandum
 - Personalized Recommendations
 - Physical Science June Common Test P2 Memorandum User Reviews and Ratings

- Physical Science June Common Test P2 Memorandum and Bestseller Lists
- 5. Accessing Physical Science June Common Test P2 Memorandum Free and Paid eBooks
 - Physical Science June Common Test P2 Memorandum Public Domain eBooks
 - Physical Science June Common Test P2 Memorandum eBook Subscription Services
 - Physical Science June Common Test P2 Memorandum Budget-Friendly Options
- 6. Navigating Physical Science June Common Test P2 Memorandum eBook Formats
 - o ePub, PDF, MOBI, and More
 - Physical Science June Common Test P2 Memorandum Compatibility with Devices
 - Physical Science June Common Test P2 Memorandum Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science June Common Test P2 Memorandum
 - Highlighting and Note-Taking Physical Science June Common Test P2 Memorandum
 - o Interactive Elements Physical Science June Common Test P2 Memorandum
- 8. Staying Engaged with Physical Science June Common Test P2 Memorandum
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Physical Science June Common Test P2 Memorandum
- 9. Balancing eBooks and Physical Books Physical Science June Common Test P2 Memorandum
 - Benefits of a Digital Library
 - o Creating a Diverse Reading Collection Physical Science June Common Test P2 Memorandum
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science June Common Test P2 Memorandum
 - Setting Reading Goals Physical Science June Common Test P2 Memorandum
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science June Common Test P2 Memorandum
 - Fact-Checking eBook Content of Physical Science June Common Test P2 Memorandum
 - Distinguishing Credible Sources

- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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