

GRADE 10 PHYSICAL SCIENCES MARCH TEST

QUESTION 1

Various options are provided as possible answers to the following-questions. Choose the correct answer and write ONLY the LETTER (A-D) next to the QUESTICR NUMBER (1.1-1.5) on your folio paper. Example 1.6. D.

- 1.1 A positively charged object has:
 - A recognition products
 - O ALTONOMIC TOWN
 - C Anti-
 - D. Association Conferen
- 1.2 Which one of the following types of electromagnetic waves has the LONGEST wavelength?
 - A Contract of
 - A COLUMN
 - C. Marine
 - 0
- 1.3 In which CNE of the following-do sound waves travel the FASTEST?
 - A Section
 - A
 - 0
 - 0
- 1.4 The Shunit for charge is the ...
 - 4 4
 - 8
 - 0.00
 - A
- 1.5 The relationship between voltage and work done is:
 - A COURT
 - 8 Premiorary South
 - C PERSONAL PROPERTY.
 - b) b) (c) (c) (c) (d)

0000

QUESTION 2

Below is a representation of two waves consisting of continuous pulses. Study it carefully and answer the questions that follow.



- 2.1 Define a pube.
 - 2 Identify the type of waves illustrated above as Till
- meditable discussion by a second
- 2.3 Which one of the two waves, P or Q, has the greatest amplitude? (1)
- 2.4 For Hove Q:
 - 2.3.1 What is the magnitude of its wavelength in metres? (1)
 - 232 State Remember of Facility (f)
 - 233
- 2.5 If the waves were sent towards each other and allowed to collide.
 - 251 consequences of the control of t

QUESTION 3:

3.1 The diagram below shows different points on a longitudinal wave.



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- 1. Understanding the eBook Physical Science Common Paper Grade 10
 - The Rise of Digital Reading Physical Science Common Paper Grade 10
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Physical Science Common Paper Grade 10
 - Exploring Different Genres
 - $\circ\,$ 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 Common Paper Grade 10
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Physical Science Common Paper Grade 10

- Personalized Recommendations
- Physical Science Common Paper Grade 10 User Reviews and Ratings
- Physical Science Common Paper Grade 10 and Bestseller Lists
- 5. Accessing Physical Science Common Paper Grade 10 Free and Paid eBooks
 - Physical Science Common Paper Grade 10 Public Domain eBooks
 - Physical Science Common Paper Grade 10 eBook Subscription Services
 - Physical Science Common Paper Grade 10 Budget-Friendly Options
- 6. Navigating Physical Science Common Paper Grade 10 eBook Formats
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 - Physical Science Common Paper Grade 10 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science Common Paper Grade 10
 - Highlighting and Note-Taking Physical Science Common Paper Grade 10
 - Interactive Elements Physical Science Common Paper Grade 10
- 8. Staying Engaged with Physical Science Common Paper Grade 10
 - o Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Physical Science Common Paper Grade 10
- 9. Balancing eBooks and Physical Books Physical Science Common Paper Grade 10
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science Common Paper Grade 10
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Common Paper Grade 10
 - Setting Reading Goals Physical Science Common Paper Grade 10
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Common Paper Grade 10

- Fact-Checking eBook Content of Physical Science Common Paper Grade 10
- 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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