

#### 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 TO STATE
  - 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 Statistic Sementics of the society (f)
  - 233
- 2.5 If the waves were sent towards each other and allowed to collide.
  - 251 consequential visit (2

#### QUESTION 3:

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



311 Posts 18-66-2 7-47

- (4)

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# **Table of Contents Physical Science Grade 1 question Papers 2014**

- 1. Understanding the eBook Physical Science Grade 1 question Papers 2014
  - The Rise of Digital Reading Physical Science Grade 1 question Papers 2014
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Physical Science Grade 1 question Papers 2014
  - 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 Grade 1 question Papers 2014
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Physical Science Grade 1 question Papers 2014
  - Personalized Recommendations
  - Physical Science Grade 1 question Papers 2014 User Reviews and Ratings
  - Physical Science Grade 1 question Papers 2014 and Bestseller Lists
- 5. Accessing Physical Science Grade 1 question Papers 2014 Free and Paid eBooks

- Physical Science Grade 1 question Papers 2014 Public Domain eBooks
- Physical Science Grade 1 question Papers 2014 eBook Subscription Services
- Physical Science Grade 1 question Papers 2014 Budget-Friendly Options
- 6. Navigating Physical Science Grade 1 question Papers 2014 eBook Formats
  - o ePub, PDF, MOBI, and More
  - Physical Science Grade 1 question Papers 2014 Compatibility with Devices
  - Physical Science Grade 1 guestion Papers 2014 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - o Adjustable Fonts and Text Sizes of Physical Science Grade 1 question Papers 2014
  - Highlighting and Note-Taking Physical Science Grade 1question Papers 2014
  - Interactive Elements Physical Science Grade 1 question Papers 2014
- 8. Staying Engaged with Physical Science Grade 1 question Papers 2014
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Physical Science Grade 1question Papers 2014
- 9. Balancing eBooks and Physical Books Physical Science Grade 1question Papers 2014
  - Benefits of a Digital Library
  - $\circ$  Creating a Diverse Reading Collection Physical Science Grade 1 question Papers 2014
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Grade 1 question Papers 2014
  - Setting Reading Goals Physical Science Grade 1 question Papers 2014
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Grade 1 question Papers 2014
  - Fact-Checking eBook Content of Physical Science Grade 1 question Papers 2014
  - 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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