

- Answer ALL the questions in the same handwriting
- Non-programmable calculator may be used
- Appropriate mathematical instruments may be used
- Round off your final numerical answers to a minimum of two decimal places
- Give detailed reasons, discussions, if asked where needed
- Write neatly and legibly.

Learner's Name

Learner's Surname

Grade

Page 1 of 5

The following are represented by A, B and C:
 A) Amplitude, wavelength, wave length
 B) Crest, trough, wavelength
 C) Amplitude, wave length, pulse length
 D) Crest, trough, wavelength

[2 Marks]

1.5. The diagram below shows two points A and B on a wave.



Page 2 of 5

Physical Sciences – Paper 1 (Physical)

How many wavelengths separate point A and B?

- A) 1,25 B) 1 C) 1,5 D) 3

[2 Marks]

1.6. Devices are sometimes placed under the floor of a hotel lobby. This equipment sends the following wave...

- A) X-ray B) Infrared light C) Ultrasound D) Ultra violet light

[2 Marks]

1.7. The following are an example of electromagnetic waves

- A) Microwaves, visible light, X-rays
 B) X-rays, visible light, microwaves
 C) Microwaves, X-rays, visible light

Physical Sciences – Paper 1 (Physical)

2.2. Identify TWO points in the graph at which the particles would be moving in the same direction

[2 Marks]

2.3. Which point has the maximum displacement?

[2 Marks]

Calculate

2.4. The frequency of the wave produced

[2 Marks]

2.5. The wavelength of the wave produced

[2 Marks]

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Léo Pomar



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Table of Contents Physical Science Paper 1 March 2013

1. Understanding the eBook Physical Science Paper 1 March 2013
 - The Rise of Digital Reading Physical Science Paper 1 March 2013
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Paper 1 March 2013
 - 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 Paper 1 March 2013
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Paper 1 March 2013
 - Personalized Recommendations
 - Physical Science Paper 1 March 2013 User Reviews and Ratings
 - Physical Science Paper 1 March 2013 and Bestseller Lists
5. Accessing Physical Science Paper 1 March 2013 Free and Paid eBooks
 - Physical Science Paper 1 March 2013 Public Domain eBooks

- Physical Science Paper 1 March 2013 eBook Subscription Services
- Physical Science Paper 1 March 2013 Budget-Friendly Options
- 6. Navigating Physical Science Paper 1 March 2013 eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical Science Paper 1 March 2013 Compatibility with Devices
 - Physical Science Paper 1 March 2013 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science Paper 1 March 2013
 - Highlighting and Note-Taking Physical Science Paper 1 March 2013
 - Interactive Elements Physical Science Paper 1 March 2013
- 8. Staying Engaged with Physical Science Paper 1 March 2013
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Physical Science Paper 1 March 2013
- 9. Balancing eBooks and Physical Books Physical Science Paper 1 March 2013
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science Paper 1 March 2013
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Paper 1 March 2013
 - Setting Reading Goals Physical Science Paper 1 March 2013
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Paper 1 March 2013
 - Fact-Checking eBook Content of Physical Science Paper 1 March 2013
 - 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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