ICSE CLASS IX

Sample Paper 1

PHYSICS

SCIENCE paper I

Time: 2 hours F.M. 80

Answers to this Paper must be given on the paper provided separately. You will not be allowed to write during the first 15 minutes. This time is to be spent reading the Question Paper. The time given at the head of this paper's the time allowed for writing the answers.

Section I is compulsory. Attempt ANY four questions from Section II.

The intended marks for questions of parts of questions are given in brackets [].

SECTION I (40 Marks)

Attempt all questions from this Section

Question 1

(a) (i) The figure below shows the parts Of measuring scales. Which scale can measure [2] scale can measure length more accurately A or B:



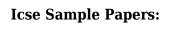
- (ii) Name a physical quantity related to the unit light year.
- (b)(i) What is the relation between time period (T) and frequency (f) of an oscillation [2] of a simple Pendulum?;
- (ii) What will be the effect on the time period of the pendulum if the mass of the bob is increased for the same length?
- (c) Classify the following physical quantities as scalar or vector quantities [2]

Pressure, Acceleration, Speed and Force.

(d) The motion of a body is represented by the following displacement - time graph.

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Table of Contents Icse Sample Papers

- 1. Understanding the eBook Icse Sample Papers
 - The Rise of Digital Reading Icse Sample Papers
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Icse Sample Papers
 - Exploring Different Genres
 - o Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Icse Sample Papers
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Icse Sample Papers
 - Personalized Recommendations
 - Icse Sample Papers User Reviews and Ratings
 - Icse Sample Papers and Bestseller Lists

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