

CBSE Class 9 Science Sample Paper

Set 10

SUBJECT: SCIENCE
CLASS : IX

MAX. MARKS : 80
DURATION : 3 HRS

Section A

I. Each question carries 1 mark

10 X 1 = 10M

1. To make a saturated Solution, 36 gm of sodium chloride is dissolved in 100 gm of water at 293 K. Find its concentration at this temperature.
2. How will you separate a mixture containing kerosene and petrol (difference in their boiling points is more than 25°C), which are miscible with each other?
3. Name the technique to separate (a) butter from curd, (b) salt from sea-water, (c) camphor from salt.
4. On the basis of Thomson's model of an atom, explain how the atom is neutral as a whole?
5. Name the three sub-atomic particles of an atom.
6. If K and L shells of an atom are full, then what would be the total number of electrons in the atom?
7. Where is apical meristem found?
8. What does a neuron look like?
9. What do you mean by acceleration due to gravity?
10. What do you mean by buoyancy?

II. Each question carries 2 marks:

8 X 2 = 16 M

1. Calculate the number of aluminium ions present in 0.051 g of aluminium oxide. (Hint: The mass of an ion is the same as that of an atom of the same element. Atomic mass of Al = 27 u)
2. Why solid ice does changes its state when it is kept at room temperature and also explain when does it get evaporated?
3. What are canal rays?
4. On the basis of Rutherford's model of an atom, which subatomic particle is present in the
5. nucleus of an atom?
6. Write the difference between mixture and a compound?
7. Write the distribution of electrons in carbon and sodium atom?
8. What are the limitations of Rutherford's model of the atom?

Grade 9 Science Question Papers

Lauren Gardner



Grade 9 Science Question Papers:

Whispering the Secrets of Language: An Emotional Journey through **Grade 9 Science Question Papers**

In a digitally-driven world wherever screens reign supreme and instant conversation drowns out the subtleties of language, the profound strategies and mental nuances concealed within phrases frequently get unheard. Yet, located within the pages of **Grade 9 Science Question Papers** a captivating fictional value sporting with fresh feelings, lies an exceptional quest waiting to be undertaken. Penned by a talented wordsmith, this wonderful opus invites readers on an introspective journey, lightly unraveling the veiled truths and profound impact resonating within the fabric of each word. Within the emotional depths of the touching review, we shall embark upon a honest exploration of the book's primary subjects, dissect its charming writing type, and fail to the strong resonance it evokes strong within the recesses of readers' hearts.

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Table of Contents Grade 9 Science Question Papers

1. Understanding the eBook Grade 9 Science Question Papers
 - The Rise of Digital Reading Grade 9 Science Question Papers
 - Advantages of eBooks Over Traditional Books
2. Identifying Grade 9 Science Question Papers
 - 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 eBook Grade 9 Science Question Papers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Grade 9 Science Question Papers
 - Personalized Recommendations
 - Grade 9 Science Question Papers User Reviews and Ratings

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