

# 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  
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

**SB Merriam**



## **Grade 9 Science Question Papers:**

## Reviewing **Grade 9 Science Question Papers**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Grade 9 Science Question Papers**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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