

CBSE Class 9 Science Sample Paper Set 4

SUBJECT: SCIENCE

MAX. MARKS : 90

CLASS : IX

DURATION: 3 HRS

SECTION – A

- Q.1. Name the S.I. Unit of Pressure. 1
- Q.2. Define the commercial unit of electrical energy. 1
- Q.3. In which type of plants are Nitrogen fixing bacteria present. 1
- Q.4. a). How did Rutherford come to the conclusion that most of the space in an atom is empty? 2
- b.) Why do isotopes of an element show similar chemical properties? 2
- Q.5. Find the relative density of copper block of mass 216g having volume of 80cm^3 (Density of Water = $1\text{g}/\text{cm}^3$). 2
- Q.6. How do angiosperm differ from gymnosperms? Write one example each? 2
- Q.7. List any two differences between longitudinal waves and transverse waves. 2
- Q.8. List any three human activities which would lead to an increase in the carbon dioxide content of air. 3