

# Class 9 Science test paper (Unsolved)

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Here we present the practice test papers for class 9 which are unsolved and you can use these for both your FA and SA accordingly as per the syllabus of your term

## Paper 1

### Section 1

1. What is species?
  2. What is taxonomy? Who is considered father of taxonomy?
  3. What organisms are called primitive and how are they different from so called advanced organisms?
  4. Why do we classify organisms?
  5. How are pteridophytes different from the phanerogams?
  6. What is binomial nomenclature? Explain with suitable example?
  7. Differentiate between-
    - I. All the five subdivisions of vertebrata
    - II. Annelid and arthropoda
    - III. Monera and protista
    - IV. Gymnosperms and angiosperms
- Long questions-
8. What is hierarchy of categories? Describe with example?
  9. Write a note on kingdom fungi? How are they different from kingdom plants?

### Section 2

10. Define atomic mass unit?
11. What is chemical formula?
12. Which postulate of Dalton's atomic theory can explain the law of definite proportion?
13. What is the molecular mass of  $\text{Na}_2\text{SO}_4$ ? Compare with carbon-12?
14. What is the significance of formula of a molecule?
15. Write the symbol, atomicity of the followings-

Sulphur, Ozone, calcium, nitrogen, potassium, helium, chlorine, phosphorus.

### Long question-

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16. When 3.0 g of carbon is burnt in 8.00 g of oxygen, 11.00 g of carbon dioxide is produced. What mass of carbon dioxide will be formed when 3.00 g of carbon is burnt in 50.00 g of oxygen? Which law of chemical combination will govern your answer?
17. What is molecule? Write a difference between molecules of element and molecules of compound?

## Paper 2

- Define binomial nomenclature with example? Who proposed this? What is its advantage? (2+1+1)
- What is classification? Write its advantages? (2+2)
- What are the different criteria for the division of five kingdom system? (3)
- Differentiate between- (2+2+2+2)
  - Monera and protista
  - gymnosperm and angiosperm
  - three divisions of cryptogamme
  - primitive and advanced organism
- Define with example- (2+2+2+2)
  - Taxonomic hierarchy
  - symbiotic relation
  - biodiversity
  - species
- Who proposed this- (i) five kingdom system, (ii) father of taxonomy, (iii) biodiversity? (1+1+1)
- Draw a flow chart to show five kingdom system and division of plantae kingdom? (5)