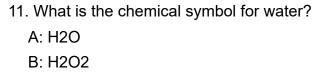
CHEMISTRY Exam Paper

Subjective Questions

1. Explain the	difference	between	ionic and	covalent	bonds	with exampl	es.

- 2. What is the periodic table and how does it relate to the properties of elements?
- 3. Discuss the process of electrolysis and its applications.
- 4. Describe the various types of chemical reactions and provide examples.
- 5. What is the concept of molarity and how is it calculated?
- 6. Explain the laws of thermodynamics and their importance in chemical reactions.
- 7. What is the difference between acids, bases, and salts? Explain with examples.
- 8. Describe the process of oxidation and reduction in redox reactions.
- 9. What is the role of catalysts in chemical reactions?
- 10. Explain the concept of chemical equilibrium and Le Chatelier's principle.

MCQ Questions



12. What is the atomic number of carbon?A: 6

B: 8 C: 12 D: 14

C: CO2

D: 02

13. What is the pH of a neutral solution?

A: 7 B: 0

C: 14

D: 10

B: CH4
C: C2H4
D: C2H6
15. Which element is needed for combustion?
A: Oxygen
B: Nitrogen
C: Carbon
D: Hydrogen

14. What is the molecular formula for methane?

A: CH3