

REVISION PLANNER FOR YEARLY EXAMINATION  
CHEMISTRY  
CLASS 8

- 1) State the mass and charge of the sub-atomic particles present in an atom of an element.
- 2) Define atomic number and mass number of an element. Which of the two is unique for a particular element.
- 3) Show the electronic configuration of elements with  $Z = 13$ . Identify the element.
- 4) Define RAM and RMM wrt C-12.
- 5) What are isotopes? Name the isotopes of Hydrogen and mention their  $Z$  and  $A$ .
- 6) Define valency in terms of hydrogen with example.
- 7) Why do elements exhibit variable valencies?
- 8) What do you mean by activity series of metal.
- 9) What do you mean by corrosion of metals?
- 10) Fe can displace Cu from its salts but the reverse cannot be done. Explain why.
- 11) What would you observe if a small piece of sodium is dropped in a trough of water?
- 12) Why does it take long to burn a log of wood but not the wood shavings ?
- 13) State the characteristics of a good fuel?
- 14) Name the solvents used for the different varieties of rayon.
- 15) Why is it uncomfortable to wear synthetic clothes during summer?
- 16) Why are mixed fibres preferential over other fibres?
- 17) Why do use of plastic pose a threat to the environment?
- 18) Describe the electroplating of copper over an inferior metal?
- 19) Why are highly electropositive metals are only extracted by electrolysis?
- 20) Explain electro refining?
- 21) Differentiate between organic and inorganic compounds?
- 22) Define catenation and isomers.
- 23) Name the simplest alkene and alkyne with their structural formula.
- 24) What indicates water pollution?
- 25) Explain eutrophication.
- 26) What do you mean by oxygen demanding waste?
- 27) Give a brief description of Marble cancer of the Taj Mahal.
- 28) State the steps involved in purification of water at home.
- 29) How is CO harmful to us?
- 30) State any three ways to reduce water pollution.