

Chemistry

Volume 1(unit4 -2& 3 marks)

- 1.Explain why hydrogen is not placed with the hydrogen in the periodic table
- 2.What is water gas shift reaction
3. Justify the position of hydrogen in the periodic table.
- 4.what are isotopes. Write the names of isotopes of hydrogen.
5. Uses of heavy water.
- 6.Explain the exchange reactions of deuterium
- 7.Uses of deuterium.
- 8.How do you convert para hydrogen into ortho hydrogen.
- 9.Explain the preparation of hydrogen using electrolysis. (5marks)
- 10.Compare the structures of H₂O and H₂O₂.
- 11.Discuss the three types of covalent hydrides