

XI Chemistry Worksheet

Time: 30 min

Ch # 9: Hydrogen -02

Full Marks: 20

Instructions:

1. All questions are compulsory.

2. Please give the explanation for the answer where applicable.

Q1 - Which is the third most abundant element in the universe.

(1 Mark)

Q2 - What is the Electronic configuration of hydrogen?

(1 Mark)

Q3 - Name the three isotopes of hydrogen.

(1 Mark)

Q4 - Give the Physical properties of Dihydrogen ?

(2 Marks)

Q5 - What are the basic classification of Hydrides?

(2 Marks)

Q6 - How are Molecular hydrides classified on the basis of electrons and bonds in the Lewis structure?

(2 Marks)

Q7 - Explain the method of preparation of Heavy Water. Where is it used ?

(3 Marks)

Q8 - Calculate the strength of 10 volume solution of Hydrogen Peroxide.

(3 Marks)

Q9 - Give five different ways of preparing hydrogen.

(5 Marks)