

XI Chemistry Worksheet

Time: 30 min

Ch # 9: Hydrogen -01

Full Marks: 20

Instructions:

1. All questions are compulsory.

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

Q1 - How do we differentiate between the three isotopes of hydrogen ?

(1 Mark)

Q2 - Which of the isotopes of hydrogen is radioactive?

(1 Mark)

Q3 - Give the chemical formula for Heavy Water?

(1 Mark)

Q4 - Why does hydrogen occupies an unique place in the Periodic Table?

(2 Marks)

Q5 - How is Hydrogen prepared in Laboratory?

(2 Marks)

Q6 - Explain Water-gas shift reaction ?

(2 Marks)

Q7 - Give the uses of Hydrogen Peroxide ?

(3 Marks)

Q8 - Explain the resemblance of Hydrogen with Alkali metals and Halogens ?

(5 Marks)

Q9 - Give the structure of Hydrogen Peroxide ?

(3 Marks)