

J.E.E./A.I.P.M.T.Foundation - XI Chemistry Worksheet

Time: 30 min

Ch#9: Hydrogen -03

Full Marks: 20

Instructions:

1. All questions are compulsory.

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

Q1 - What is the common name of Deuterium?

(1 Mark)

Q2 - Name the gases which present in Water Gas?

(1 Mark)

Q3 - What is the common name of Water Gas?

(1 Mark)

Q4 - Explain the term Electron-deficient?

(2 Marks)

Q5 - Explain the term Electron rich hydrides?

(2 Marks)

Q6 - Which of the hydrides behave as Lewis acid and Lewis bases?

(2 Marks)

Q7 - Explain the structure of water molecule ?

(3 Marks)

Q8 - Differentiate between Ortho and Para hydrogen ?

(3 Marks)

Q9 - How is pure hydrogen prepared in laboratory?

(5 Marks)