

Kurdistan Regional Government Iraq
Ministry of Higher Education & Scientific Research
Salahaddin University –Erbil
College of Basic Education
Department: General science



Stage : 2nd

Time:75 minutes

Inorganic Chemistry

2021-2022

Q1/ Define the following: (9 Marks)

Isotopes , Ionic bond ,Valence electrons.

Q2/ Calculate the atomic mass of boron which occurs naturally as 20% boron - 10 and 80% boron -11. (3 Marks)

Q3/ Write a set of quantum numbers (n , ℓ , m_ℓ , m_s) for the following:
(3 Marks)

Boron

Nitrogen

Atomic number B = 5 , N = 7

Best Wishes

Lecturer: Gulkhater H.Sharif

Signature :

Date: 25/4/2022