

Assignment
Inorganic Chemistry
Paper: CHE-HC-3014
3rd semester Hons. (CBCS)

Assignment: I

1. Describe the methods of purification of metals: Electrolytic Kroll process, Parting process, van Arkel-de Boer process and Mond's process. 10 marks
2. What is HSAB principle? State some of its applications. 5 marks

Assignment: II

1. What is inert pair effect? Explain with an example. 5 marks
2. Using VSEPR theory, describe the molecular shapes of noble gas compounds of xenon. 5 marks
3. Give brief accounts of borazines and phosphazenes. 5 marks

N.B.

- Submit the assignments to my Google Classroom. Class code: riudrew
- Submission due date is on or before 7th August, 2021.
- Mention your name, GU roll no. and registration no. in each assignment.