

Kotwal National Institute of Teaching
(KNIT)

(Assignment of class 10th)
Chemistry

QNo1. long answers type questions:-

I) Explain the following with one example each:-
a) Corrosion b) Rancidity.

II) What were the early attempts made before Mendeleev for the classification of elements?

QNo2:- Short answers type questions:-

I) What were the limitations of Dobereiner's classification?

II) What were the limitations of Newland's law of Octaves?

III) What is Mendeleev's periodic law? Mention at least three anomalies in it?

IV) What was the need of classifying elements?

V) Why do you think the noble gases are placed in a separate group?

QNo3:- Very short answers type questions:-

- I) Define classification?
- II) Define Newlands law of octaves? Give atleast one example?
- III) How many elements were known earlier?
- IV) How did Dobereiner arrange the known elements?

QNo4 Multiple type questions:-

- I) The number of electrons in the outermost shell of carbon and silicon is:
a) 3 b) 4 c) 5 d) 6
- II) As we go down a group, the size of the atoms of elements:-
a) Increase b) Decreases c) Remains the same
d) does not apply.
- III) The atomic size of the element _____ as we go from left to right along a period in the modern periodic table.