

ATOMIC ENERGY CENTRAL SCHOOL-3, TARAPUR

Work sheet

MODULE-4

UNIT-p-BLOCK ELEMENTS

CHAPTER : 18-GROUP ELEMENTS

Answer the following questions :

1. Group -18 elements are called as noble gases. Why?
2. What prompted Bartlett for the discovery noble gas compounds?
3. Noble gases have very low boiling points. Why?
4. Does the hydrolysis of XeF_4 lead to a redox reaction?
5. Xenon does not form fluorides such as XeF_3 and XeF_5 . Explain.
6. Why do noble gases form compounds with fluorine and oxygen?
7. Why is helium used in diving apparatus?
8. Why has it been difficult to study the chemistry of radon?
9. Which of the following does not exist and why?

(i) XeOF_4 (ii) NeF_2 (iii) XeF_2 (iv) XeF_2

10. Balance the following reaction :


