

J&K POLICE PUBLIC SCHOOL, MIRAN SAHIB, JAMMU

ASSIGNMENT WORK

SUBJECT- CHEMISTRY

TEACHER INCHARGE- SWATI SHARMA

CLASS-12TH sci

CONTACT NO. 9622135800

MM-20

SESSION-(2020-21)

1. The least boiling point among these hydrides is of (1)
a. NH₃ b. PH₃ c. AsH₃ d. SbH₃
2. Explain the trend of electron gain enthalpy in halogens? (1)
3. Give the order of acidic strength in halogen acids? (1)
4. Explain why nitrogen does not form pentahalides like other members of group 15? (1)
5. What is rhombic sulphur. How does it changes to monoclinic sulphur? (2)
6. Complete the given reactions: (3)
$$\text{Li} + \text{N}_2 \longrightarrow$$
$$\text{CH}_2=\text{CH}_2 + \text{Cl}_2 \longrightarrow$$
7. What are interhalogen compounds. Explain their preparation and properties? (3)
8. What are the different oxides of nitrogen. Give the order of acidic strength of the oxides of nitrogen along with reason? (3)
9. Give the industrial preparation of sulphuric acid? (5)