P-Block Elements Class 11 MCQ Questions

1. Arrange the group hydrides in the increasing order of H-M-H bond angle.
    - SbH3<AsH3<PH3<NH3
    - NH3<PH3<AsH3<SbH3
    - NH3<SbH3<AsH3<PH3
    - NH3<PH3<SbH3<AsH3
2. Which of the 2compound is the weakest Lewis Acid.
    - BF_3
    - BCl_{11}
    - BBr_3
    - BI_{11}
3. Which Oxide is amphoteric?
    - CO_2
    - CaO
    - CO
    - SnO_2
4. Iron reacts with carbon and forms
    - FeC_2
    - Fe_3C
    - FeC_3
    - Fe_2C
5. Which one of the following reactions of xenon compounds is not possible?
    - XeO3+6HF→XeF6+H2O
    - 3XeF4+6H2O→2Xe+XeO3+12HF+1.5O2
    - 2XeF2+2H2O→2Xe+4HF+O2
    - XeF6+RbF→Rb[XeF7]
6. Choose the correst statement for B_2BH_6.
    - The structure is similar to C_2H_6
    - All atoms are in one plane.
    - The boron atoms are linked through hydrogen bridges
    - There is direct boron-boron contact
7. Which of the following molecules contain no pi bond?
    - SO_2
    - NO_2
    - H_2O
    - CO_2
8. Nitrogen exhibits the highest oxidation state in
    - N_3H
    - N_2H_4
    - NH_3
    - NH_2OH
9. How many bridging oxygen atoms are present in P_4O_{10}

- 6
- 4
- 5
- 2

10. Which is the strongest oxidising agent?
    - Br_2
    - Cl_2
    - I_2
    - F_2