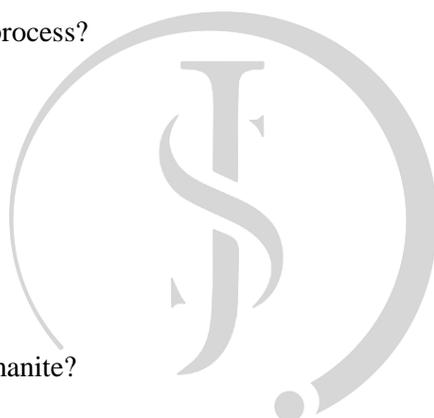


UNIT-2 - p-BLOCK ELEMENTS I**ASSIGNMENT QUESTIONS:****2- MARKS**

1. Define inert pair effect.
2. Borax is basic in nature- illustrate with an example.
3. What happens when borax is treated with Ammonium chloride?
4. Explain action of heat on borax.
5. What happens when boric acid reacts with NaOH ?
6. Give the structure of boric acid.
7. How will you convert diborane into sodium borohydride?
8. What is Macafee process?
9. How will you prepare propanal by oxoprocess?
10. What are water gas equilibrium?

3-MARKS

1. Give the uses of Boron.
2. How will you prepare borax from colemanite?
3. Action of heat from boric acid.
4. How will you convert boric acid into (i) boron trifluoride (ii) borax.
5. Explain the preparation of diborane.
6. What happens when diborane is heated at various temperature?
7. Explain the reaction between diborane and ammonia?
8. Why borontrifluoride act as lewis acid?
9. How will you prepare potash alum?
10. Uses of potash alum.
11. Give three methods of preparing carbon monoxide.
12. Uses of carbon monoxide.
13. Give 3 methods of preparing carbon dioxide.
14. Uses of carbon dioxide.



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15. Preparation of silicon tetrachloride.
16. Explain types of silicones.
17. Mention the properties of silicones.
18. What are silicates mention its types?

5- MARKS

1. Explain preparation of silicones.
2. Discuss (i) ortho (ii) pyro silicates. With examples each.
3. Explain (i) cyclic (ii) ino silicates. With examples each.
4. Write a note on (i) sheet silicates (ii) three dimensional silicates. With examples.
5. How does carbon monoxide react with (i) oxygen (ii) chlorine (iii) IRON(III)OXIDE (iv) hydrogen.

NOTE:

Refer textbook

Learn and write appropriate answer

Draw diagram for respective questions if necessary

These are the important questions from book inside



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