**Sardar Bhagwan Singh University Balawala, Dehradun (Uttarakhand)**

**Bsc Chemistry Honours Second Year (Fourth Semester)**

**Subject: Organic Chemistry: Paper Code (CHEM 243)**

**Even Semester Assignment-VI (2020)**

**Time: Hours Max Marks:**

**Note: Attempt all questions all questions carry equal marks 02**

1. **Write the procedure for the extraction of alkaloids?**
2. **Write only the steps for the structural identification of alkaloids.**
3. **How and by what method oxygen is determined in alkaloids?**
4. **How and by what method nitrogen is determined in alkaloids?**
5. **How and by what method carbon skeleton is determined in alkaloids?**
6. **How test for unsaturation is determined in alkaloids?**
7. **What is Hofman Exhaustive methylation?**
8. **Write a note on nicotine.**
9. **Write few properties of nicotine.**
10. **How nicotine is synthesized?**

**(Dr. Neetu Pandey)**

**(Dept. of Applied Chemistry)**