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

**Bsc CBZ/PCM third Year (Sixth Semester)**

**Subject: Inorganic Chemistry**

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

**Time: Hours Max Marks:**

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

1. **Write any three preparations of potassium hexa cyanoferrate (II).**
2. **Write the physical properties of potassium hexa cyanoferrate (II).**
3. **Write any two general chemical properties of potassium hexa cyanoferrate (II).**
4. **Write any two properties of potassium hexa cyanoferrate (II) where it is reacting with cupric salts and ferric salts.**
5. **Write a note on various applications of potassium hexa cyanoferrate (II).**
6. **Write any two preparations of hexamine cobalt III chloride.**
7. **Write any two physical properties of hexamine cobalt III chloride.**
8. **Write any two general chemical properties of hexamine cobalt III chloride.**
9. **Write a short note on the structure of hexamine cobalt III chloride.**
10. **Hexamine cobalt III positive ion is diamagnetic in nature explain.**

**(Dr. Neetu Pandey)**

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