

**Q.P. Code: 107340**

**Reg. no.:** .....

First Pharm D Post Baccalaureate Degree Examinations, August 2014

**Paper VII – Clinical Toxicology**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essays:**

**(3x10=30)**

1. Define substance dependence and abuse. Classify drugs of dependence and abuse. Discuss the management of pethidine dependence.
2. Explain the clinical manifestations and management of benzodiazepine and barbiturate poisoning.
3. Classify organophosphates. Add a note on mechanism of action of organophosphates. Describe the clinical presentations, and the measures to be taken in its poisoning.

**Short notes:**

**(8x5=40)**

4. What is meant by chelation. Detail on chelation therapy for organic mercurial and arsenic poisoning.
5. Outline the mode of action of poisonous mushroom and enumerate the steps involved in its poisoning management.
6. Clinical features and laboratory investigations for Russell viper's poisoning.
7. List out the salient features of pyrethrin and pyrethroid poisoning.
8. Discuss the relevant aspects of methanol poisoning and its management.
9. Procedures involved in the management of caustics poisoning.
10. Elaborate on the signs and symptoms and the management of tricyclic antidepressants over dosage.
11. Radiation poisoning.

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