

**International Islamic University Chittagong**  
**Department of Pharmacy**

**B.Pharm (Hon's) Program**  
**Course Code: Pharm-4711**  
**Time: 2 hours 30 minutes**

Final Examination

Spring Semester 2018  
Course Title: **Toxicology**  
Full Marks: 50

*Answer of separate groups should be given in separate script. Figures in right margin indicate marks)*

Group A	<i>(Answer any <u>two</u> questions from the followings)</i>	Marks: 20
1.	a) Define neurotoxic poisons. Cite the toxicity and treatment of somniferous poison.	4
	b) State the management and treatment of inebriant poisoning.	3
	c) Give examples of deliriant drug. Mention the toxicity of its poisoning.	3
2.	a) Note down the signs and symptoms, and adverse effects of osmotic and loop diuretics poisoning.	4
	b) Demonstrate the adverse effect and sign & symptoms of the anticoagulant drug poisoning.	3
	c) Compare between oleander and digitalis poisoning.	3
3.	a) Explain asphyxiant poisoning. Differentiate between simple and chemical asphyxiant.	3
	b) Mention the source, pathophysiology and treatment strategy of CO poisoning.	3
	c) Write down the symptoms and treatment of H <sub>2</sub> S poisoning.	4
Group B	<i>(Answer any <u>three</u> questions from the followings)</i>	Marks: 30
1.	a) Demonstrate the toxicity and treatment strategy of an antipyretics poisoning.	5
	b) Briefly describe the mechanism and treatment procedure of paracetamol poisoning.	5
2.	a) Explain paediatric pharmacokinetics.	3
	b) Enlist some teratogenic drugs and their target sites.	3.5
	c) Mention the relationship among over the counter drugs and foetotoxicity.	3.5
3.	a) Exhibit the role of pharmacist in Forensic Pharmacy.	3
	b) Describe clinical features, diagnosis and treatment of datura poison.	5
	c) Write down the short note on first-aid treatment for poisoning.	2
4.	a) Define forensic pharmacy. Mention the general roles of forensic pharmacist.	3
	b) Differentiate between forensic pharmacy and forensic toxicology.	2
	c) Briefly describe the scopes of forensic pharmacist in pharmacovigilance, off-label drug use and ecotoxicology.	5