

**FACULTY OF PHARMACY****M. Pharmacy (Pharmacology) I – Semester (PCI) (Suppl.) Examination, Aug. 2019****Subject: Pharmacological Toxicological Screening Methods – I****Time: 3 Hrs****Max.Marks:75****Note: Answer any Five questions. All questions carry equal marks**

1. a) Define and discuss principles and applications of bioassays (7)  
b) Discuss briefly abt production and applications of transgenic animals (8)
2. List t and explain in detail any two screening methods of following classes of drugs  
a) Sympathomimetics  
b) Anti-psychotics (8+7)
3. a) Write a note on IAEC (7)  
b) Name the screening methods for nootropics. Explain any two models (8)
4. List t and explain in detail any two screening methods of following classes of drugs  
a) Anti-asthmatics  
b) Diuretics (8+7)
5. Discuss abt screening methods of anti -inflammatory drugs (15)
6. List t and explain in detail any two screening methods of following classes of drugs  
a) Anti-anginal drugs  
b) Multiple sclerosis (8+7)
7. Discuss abt screening methods of anti -diabetic drugs (15)
8. a) Discuss abt screening models of immunomodulators (7)  
b) Discuss abt immunoassay of digox in (8)

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