



Pharmacological Screening Methods and Clinical Evaluation

(Revised Scheme 4)

Q.P. CODE: 9350

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

1. Explain the principle and methods employed in preclinical evaluation of anti-arrhythmic and anti-atherosclerotic drugs. (12+8 = 20)
2. Explain the scope of Pharmacokinetic parameters in drug discovery process.
3. Explain the use of transgenic and genetically prone animals in preclinical screening. (10+10 = 20)

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. What is Schedule Y? Explain the salient feature and recent amendment for Schedule Y. (2+4+4 = 10)
5. How ANDA master file is different from NDA, explain with a drug master file.
6. Explain the screening of antidepressant drugs.
7. Explain the principles of techniques involved in cell culture and its maintenance.
8. Enumerate the various animal models available for screening of antiepileptic drugs and explain any two models in detail.
9. Write about importance of Pharmacovigilance.

SHORT NOTES

2 X 5 = 10 Marks

10. Explain the principle and method involved in pylorus ligation technique.
11. What is a lead compound? Enumerate the sources of lead compound.

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