

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination – October 2010

[Time: 3 Hours]

[Max. Marks: 100]

PHARMACOLOGICAL SCREENING METHODS
AND CLINICAL EVALUATION

PAPER III

(Revised Scheme 2)

Q.P. CODE : 9243

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

LONG ESSAY (Answer any TWO)

2 X 20 = 40 Marks

1. a) Define bioassay and explain principles of bioassays and add a note on biological variation.
b) Discuss the bioassay of adrenaline.
2. a) Describe various methods used to screen Analgesic agents.
b) Describe any two models employed in the screening of anti anginal agents.
3. Explain the various phases of clinical trails and add a note on ICH-GCP guidelines.

SHORT ESSAY (Answer any FIVE)

5 X 10 = 50 Marks

4. List the screening techniques for nootropics. Explain any two models
5. ICMR guidelines
6. Preparation of IND and NDA
7. Newer techniques of drug administration
8. General characteristics of laboratory Rats
9. In-vitro drug screening methods.

SHORT NOTES

2 X 5 = 10 Marks

10. Informed consent form
11. Nude mice and its importance

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