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August 2008

[KP 544] **Sub. Code : 4065**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper V — PHARMACOLOGY – I

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write essay question.

1. (a) Describe the pathophysiology of congestive cardiac failure.

(b) How will you manage a case of Acute Heart Failure?

(c) What is the treatment of Digitalis Toxicity? (20)

2. (a) Classify skeletal muscle relaxants.

(b) Describe in detail about the mechanism of action and therapeutic uses of Succinyl Choline.

(c) Write about the adverse effects of Succinyl Choline and how do you manage Succinyl Choline apnea. (5 + 5 + 5 = 15)

3. (a) Classify diuretics.

(b) Describe in detail the mechanism of action of loop diuretics and their adverse effects.

(c) What are the therapeutic effects of Spironolactone? (5 + 5 + 5 = 15)

II. Write short notes on : (6 × 5 = 30)

(a) Enoxaprine.

(b) Phase I reactions in biotransformation.

(c) Therapeutic uses of Atropine.

(d) K^+ channel openers.

(e) Pantoprazole.

(f) Iron preparations.

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