



Pharmacology-III
Title: Pharmacology - III
Subject Code: 431 PHL
Semester: Seventh Semester (Fourth year).
Duration: 3 + 1 Units (5 contact hours) per week.
Aims: To provide general knowledge on drugs acting on cardiovascular system, renal system, endocrine system and antihyperlipidemic drugs.
Objectives: At the end of the course the student shall be able to understand the pharmacological aspects of drugs acting on cardiovascular system, renal system, endocrine system and antihyperlipidemic drugs.
Contents: Lectures: Drugs acting on Cardiovascular system <ul style="list-style-type: none">• Antihypertensives• Anti-anginal drugs• Anti-arrhythmic drugs• Drugs used for therapy of Congestive Heart Failure Drugs used for the treatment of hyperlipidaemia Drugs acting on Renal System <ul style="list-style-type: none">• Diuretics• Antidiuretics Pharmacology of Hormones and Hormone antagonists <ul style="list-style-type: none">• Anterior pituitary hormones• Corticosteroids• Thyroid and Antithyroid drugs• Insulin, Insulin analogues and oral hypoglycemic agents• Sex hormones and oral contraceptives• Oxytocin and other stimulants and relaxants



Practical: Blood pressure, cardiophysiology and renal physiology.

Minimum course requirements: 30 (2 x 15) Unit lectures and 45 practical hours (3 x 15) per level.

Evaluation methods:

-Quizzes	10%
- Mid term examination	25%
- Practical examinations	25%
- Final examination (written)	40%

Text Books (latest edition):

- 1- Goodman and Gilman's the Pharmacological Basis of Therapeutics,
Joel G. Hardman, Lee E. Limbird, Alfred Goodman Gilman, New York:
McGraw-Hill Health Division.
- 2- Text Book of Pharmacology, Donald Doglass.

Recommended books (latest edition):

- 1- Pharmacology, H.P. Rang.
- 2- Pharmacology, Evans.
- 3- Pharmacology: An Introductory Text, Asperthim.
- 4- Pharmacology, Loerad.
- 5- Pharmacopoeia, Martindale: the Complete Drug Reference, Sean C.
Sweetman, London, Pharmaceutical Press.