



Pharmacology-II
Title: Pharmacology- II
Subject Code: 332 PHL
Semester: Sixth Semester (Third Year).
Duration: 2 + 1 Units (4 contact hours) per week.
Aims: To provide general knowledge on drugs acting on central nervous system and locally acting drugs.
Objectives: Upon successful completion of the course student shall be able to know the principles of neurochemical transmission, about various neurotransmitters and drugs acting on the central nervous system, gastrointestinal tract and local anesthetics.
Lectures: Pharmacology of drugs acting on Central Nervous System a) General anesthetics b) Sedatives and hypnotics c) Anticonvulsants d) Drugs used in Parkinsonism e) Analgesic and anti-inflammatory agents f) Psychotropic drugs g) Alcohol and methyl alcohol h) CNS stimulants and cognition enhancers Pharmacology of local Anaesthetics Pharmacology of drugs acting on Gastrointestinal tract a) Drugs for peptic ulcer b) Drugs for emesis, reflux and digestive disorders c) Drugs for constipation and diarrhea



Practical: Effects of drugs on the C.N.S, analgesics, local anesthetics and other related practical experiments.	
Minimum course requirements: 30 (2 x 15) Unit lectures and 30 practical hours (2 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 & M. M. Dale.	
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.	