

Cairo University

Faculty of Veterinary Medicine

Pharmacology Department

(Distinct Program in Veterinary drugs and medicinal Preparations)

Course PHA-306 General Pharmacology

### **Semester: 1st semester 2019 / 2020**

### **Coordinator Prof. Dr. Khaled Abo El-Sooud**

### **Chairman of department: Prof. Dr. Hossny Awad El Banna**

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| **No of week** | **Subject** | **Notice** |
| **1** | Introduction (General Pharmacology) Pharmacodynamics  |  |
| **2** | Pharmacokinetics |  |
| **3** | Drugs acting on Central Nervous SystemCNS Stimulants |  |
| **4** | CNS Depressants  |  |
| **5** | Drugs acting on Autonomic Nervous SystemCholinergic and Antimuscarinic drugs |  |
| **6** | Adrenergic and Antiadrenergic drugs |  |
| **7** | Drugs acting on Cardiovascular system | **1st Midterm Exam** |
| **8** | Drugs acting on Urinary system |  |
| **9** | Drugs acting on digestive system |  |
| **10** | Drugs acting on respiratory system |  |
| **11** | Drugs acting on reproductive system | **2nd Midterm Exam** |
| **12** | Drugs acting on skin and Autacoids |  |



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Course PHA-306 General Pharmacology **(Practical)**

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| No of week | Subject | Notice |
| 1 | General Pharmacology Official books of drugs and sources of Drugs |  |
| 2 | Routes of drug administrationLaboratory animalsPosology |  |
| 3 | Strychnine poisoningNerve blocking anaesthesia | drugs on the spinal cord |
| 4 | General Volatile anaesthesiaGeneral Non-Volatile anaesthesiaHypnotic effect of drugs | General anaesthesia |
| 5 | Corneal anaesthesiaLocal infiltration anaesthesia | Local anaesthesia |
| 6 | Determination of analgesic effect of new drug |  |
| 7 |  Effect of drugs on the eye pupil | **1st Midterm Exam** |
| 8 | Effect of drugs on plain muscles of intestines |  |
| 9 | Effect of drugs on plain muscles of uterus |  |
| 10 | Determination of LD50 of New drug in miceAcute toxicity of organic phosphorus compounds in rats | Drug toxicity |
| 11 | Determination of the hormonal like activity of drugs | **2nd Midterm Exam** |
| 12 | Samples + Revision |  |