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| **Performa : HinduCollege of Pharmacy** | | | | |
| **Lesson Plan** | | | | |
| **Name of the faculty** | | Mrs. Garima Mittal | | |
| **Discipline** | | Pharmacy | | |
| **Semester/year** | | Diploma 2ndYear | | |
| **Subject** | | Pharmacology | | |
| **Lesson plan Duration** | | 25 weeks (July22, 2019 to March 30, 2020) | | |
| **Work Load/week(hrs)** | | Lecture- 03; Practical- 02/batch | | |
| **Week** | **Theory** | | **Practical** | |
| **Lecture** | **Topic** | **Practical** | **Topic** |
| **1st (July 4th week)** | **1st** | Introduction and scope | **1st  (Batch A)** | Introduction |
| **2nd** | Routes of administration | **2nd (Batch B)** | -do- |
| **3rd** | Routes of administration |  |  |
| **2nd (July 5thweek)** | **1st** | Absorption of drugs | **1st  (Batch A)** | Laboratory animals |
| **2nd** | Distribution of Drug | **2nd (Batch B)** | -do- |
| **3rd** | Metabolism and excretion of drug |  |  |
| **3rd(Aug.1st week)** | **1st** | Drug action | **1st  (Batch A)** | Laboratory equipments |
| **2nd** | Drug action | **2nd (Batch B)** | -do- |
| **3rd** | NSAIDs |  |  |
| **4th(Aug.2nd week)** | **1st** | Antiparkinsonian Drugs | **1st  (Batch A)** | Laboratory techniques |
| **2nd** | Cholinergic drugs | **2nd (Batch B)** | -do- |
| **3rd** | Anti-cholinergic drugs |  |  |
| **5th(Aug.3rd week)** | **1st** | Adrenergic drugs | **1st  (Batch A)** | Physiological Salt Solutions |
| **2nd** | Adrenergic drugs | **2nd (Batch B)** | -do- |
| **3rd** | Anti-adrenergic drugs |  |  |
| **6th(Aug.4th week)** | **1st** | Hypnotics and sedatives | **1st  (Batch A)** | Routes of admin. |
| **2nd** | Local anaesthetics | **2nd (Batch B)** | -do- |
| **3rd** | General anaesthetics |  |  |
| **7th (Sept. 1st Week)** | **1st** | Drugs acting on eyes | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Antihistaminic | **2nd (Batch B)** | -do- |
| **3rd** | Insulin |  |  |
| **8th(Sept. 4th Week)** | **1st** | Oral Hypoglycaemics | **1st (Batch A)** | -Revision& Viva-voce |
| **2nd** | Oral Hypoglycaemics | **2nd (Batch B)** | -do- |
| **3rd** | Antacids and antiulcer drugs |  |  |
| **9th(Oct. 1stWeek)** | **1st** | Emetics and antiemetics | **1st  (Batch A)** | DRC |
| **2nd** | Purgative, laxative and antispasmodics | **2nd (Batch B)** | -do- |
| **3rd** | Expectorants and antitussive |  |  |
| **10th(Oct. 2ndWeek)** | **1st** | Drugs acting on respiratory system | **1st  (Batch A)** | Local anaesthetics |
| **2nd** | Diuretics | **2nd (Batch B)** | -do- |
| **3rd** | Diuretics and antidiuretics |  |  |
| **11th(Oct. 3rdWeek)** | **1st** | Antihypertensive drugs | **1st  (Batch A)** | Effects of drugs on eye: pupil size, IOT, Corneal and light reflex |
| **2nd** | Antihypertensive drugs | **2nd (Batch B)** | -do- |
| **3rd** | Antianginal drugs |  |  |
| **12th(Oct. 4thWeek)** | **1st** | Cardiac glycosides | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Antiarrhythmic agents | **2nd (Batch B)** | -do- |
| **3rd** | Vasodilators |  |  |
| **13th(Nov. 1stWeek)** | **1st** | General Chemotherapy | **1st  (Batch A)** | Analgesic activity by Eddy’s hot plate |
| **2nd** | Sulphonamides | **2nd (Batch B)** | -do- |
| **3rd** | Urinary antiseptics |  |  |
| **14th(Nov. 2ndWeek)** | **1st** | Penicillins | **1st (Batch A)** | Repeat |
| **2nd** | Streptomycins | **2nd (Batch B)** | -do- |
| **3rd** | Tetracyclines |  |  |
| **15th(Dec. 2ndWeek)** | **1st** | Disinfectants and antiseptics | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Disinfectants and antiseptics | **2nd (Batch B)** | -do- |
| **3rd** | Antithyroid drugs |  |  |
| **16th(Dec. 3rdWeek)** | **1st** | Chemotherapy of cancer | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Chemotherapy of cancer | **2nd (Batch B)** | -do- |
| **3rd** | Chemotherapy of cancer |  |  |
| **17th(Jan. 2ndWeek)** | **1st** | Chemotherapy of tuberculosis | **1st  (Batch A)** | Locomotor effects of drugs using actophotometer |
| **2nd** | Chemotherapy of tuberculosis | **2nd (Batch B)** | -do- |
| **3rd** | Chemotherapy of leprosy |  |  |
| **18th(Jan. 3rdWeek)** | **1st** | Chemotherapy of malaria | **1st  (Batch A)** | Effects of drugs on isolated frog heart |
| **2nd** | Chemotherapy of protozoal diseases | **2nd (Batch B)** | -do- |
| **3rd** | Anthelmintic drugs |  |  |
| **19th(Jan. 4thWeek)** | **1st** | Antifungal drugs | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Antiviral drugs | **2nd (Batch B)** | -do- |
| **3rd** | Antiviral drugs |  |  |
| **20th(Feb. 1stWeek)** | **1st** | Haematinics | **1st  (Batch A)** | Effect of drugs on heart |
| **2nd** | Coagulants and anticoagulants | **2nd (Batch B)** | -do- |
| **3rd** | Blood substitutes, Haemostatics and plasma expanders |  |  |
| **21st(Feb. 2ndWeek)** | **1st** | Drugs used in atherosclerosis | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Sex hormones | **2nd (Batch B)** | -do- |
| **3rd** | Oral contraceptives |  |  |
| **22nd(Feb. 3rdWeek)** | **1st** | Corticosteroids | **1st  (Batch A)** | Revision & Viva-voce |
| **2nd** | Serotonin, and Prostaglandins | **2nd (Batch B)** | -do- |
| **3rd** | Neuromuscular blockers |  |  |
| **23rd(Mar. 2ndWeek)** | **1st** | Neurones blockers and ganglion blockers | **1st  (Batch A)** | Revision & Viva-voce |
| **2nd** | Narcotic analgesics | **2nd (Batch B)** | -do- |
| **3rd** | Anti-convulsant drugs |  |  |
| **24th(Mar. 3rdWeek)** | **1st** | Psychopharmacological agents | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Psychopharmacological agents | **2nd (Batch B)** | -do- |
| **3rd** | Antidiarrheal drugs |  |  |
| **25th(Mar. 4thWeek)** | **1st** | Anti-rheumatic & anti-gout drugs | **1st  (Batch A)** | Revision& Viva-voce |
| **2nd** | Muscle relaxants | **2nd (Batch B)** | -do- |
| **3rd** | Carminatives and digestants |  |  |