

E-NOTICE

Date - 23/07/2022

Subject : CA 1 SEMINAR TOPIC YEAR WISE

CA1 SEMINAR PRESENTATION TOPIC

B.PHARM 3RD SEMESTER

Group 1: 1-9 Group-2: 10-18 Group 3: 19-27 Group 4: 28-37 Group5: 38-47 Group 6: 48-Rest

PHYSICAL PHARMACEUTICS:

1. Phage change
2. Sublimation critical point
3. Snelllaw,Boils law, Charles law
4. Solubility & various solubility expression
5. Various type of solubility with example
6. Mechanism of solute solvent interaction

PHARMACEUTICAL ORGANIC CHEMISTRY II:

1. Rsonance
2. Phenol derivatives
3. Acidity of phenol
4. Aromaticity
5. Evidence of benzene structure
6. Resonance energy

PHARMACEUTICAL ENGINEERING:

1. Application & mechanism of heat transfer.
2. Application of filtration.Working principle of Leaf filtration.
3. Working principle of Drum Filter
4. Working principle of Tray Dryer
5. Fluidized bed Dryer
6. Application of Centrifugation.Working principle of Perforated Basket Centrifuge

By Order, Authorised Signatory

E-NOTICE

Date - 23/07/2022

PHARMACEUTICAL MICROBIOLOGY:

1. Classification and Morphological study of fungi and viruses
2. Study on Replication and Cultivation of fungi and viruses
3. Growth of animal cell in culture
4. Different type of Microscopy
5. Antiseptic and disinfectant
6. Aseptic area

B.PHARM 5TH SEMESTER

Group 1: 1-9 Group-2: 10-18 Group 3: 19-27 Group 4: 28-37 Group5: 38-47 Group 6: 48-Rest

PHARMACOGNOSY & PHYTOCHEMISTRY:

1. Synonym biological source, family, chemical constituents, macroscopical character & uses of Vinca
2. Synonym biological source, family, chemical constituents, macroscopical character & uses of Belladonna
3. Synonym biological source, family, chemical constituents, macroscopical character & uses of Rauwolfia
4. Primary metabolites and secondary metabolites with example
5. Metabolism, catabolism, anabolism
6. Basic metabolic pathway of higher plants with diagram

PHARM JURISPRUDENCE

1. Composition and Function of DTAB.
2. Section 3 of Drugs & Cosmetics Act 1940 reg various definitions.
3. The Central Drugs Laboratory under section 6 of D & C act.
4. The Drugs Consultative Committee under Section 7 of D & C act.
5. Medicinal Termination of Pregnancy Act 1970.
6. Medicinal Termination of Pregnancy Rules 1975.

By Order, Authorised Signatory

E-NOTICE

Date - 23/07/2022

MEDICINAL CHEMISTRY I

1. Neurotransmitter
2. Adrenergic antagonist
3. Antipsychotics
4. General anesthetics
5. Sedatives and hypnotics
6. Narcotics anesthetics

MEDICINAL CHEMISTRY II

1. Antineoplastic drug
2. Cancer
3. SAR of Any one antineoplastic drug
4. Metastasis & Angiogenesis
5. Limitations & toxicity of antineoplastic drug
6. Tumor

PHARMACOLOGY -II

1. Role of Diuretics in the treatment of Hypertension
2. Etiology of Diuretics
3. Anti-Diuretics
4. Types of Diuretics
5. Electrophysiology of Heart
6. Etiology of Heart

B.PHARM 7TH SEMESTER

Group 1: 1-5 Group-2: 6-10 Group 3: 11-15 Group 4: 16-20 Group5: 21-25 Group 6: 26-Rest

INDUSTRIAL PHARMACY II

1. Flame photometry principle
2. Flame photometry application

By Order, Authorised Signatory

E-NOTICE

Date - 23/07/2022

3. Flame photometry instrumentation
4. UV spectrophotometer principle
5. UV spectrophotometer application
6. UV spectrophotometer instrumentation

PHARMACY PRACTICE

1. Interpretation of clinical laboratory tests
2. Prescribed medication order and communication skills
3. Investigational use of drugs
4. Education and training program in the hospital
5. Budget preparation and implementation
6. Community Pharmacy

NDDS

1. Method of microencapsulation & application of it.
2. Principles of mucoadhesion & application of it.
3. Implants and osmotic pump.
4. Polymer membrane permeating cdds
5. Polymer matrix diffusion cdds
6. Micro reservoir partition cdds

INSTRUMENTAL METHODS OF ANALYSIS

1. Flame photometry principle
2. Flame photometry application
3. Flame photometry instrumentation
4. UV spectrophotometer principle
5. UV spectrophotometer application
6. UV spectrophotometer instrumentation

N.B:

1. Students are grouped as per their **college serial numbers**.
2. Students have to prepare their PPT for above mentioned topic **INDIVIDUALLY**

By Order, Authorised Signatory