

E-NOTICE

Date - 21/08/2022

Subject :CA2 ASSIGNMENT/ REPORT TOPIC

B.PHARM 3RD SEMESTER

PHYSICAL PHARMACEUTICS:

1. Dipole moment, Optical activity, Dissociation constant, Aerosol, Sublimation critical point, Cohesive & Adhesive force

PHARMACEUTICAL ORGANIC CHEMISTRY II:

1. Electrophilic Aromatic Substitution Reaction. (Nitration, Chlorination, Sulfonation)
2. Basicity of amines & effect of substituents on basicity.

PHARMACEUTICAL ENGINEERING:

1. Application & mechanism of Heat Transfer.
2. Fourier's law.

PHARMACEUTICAL MICROBIOLOGY:

1. Antiseptic vs Disinfectant

B.PHARM 5TH SEMESTER

PHARMACOGNOSY & PHYTOCHEMISTRY

1. Biological source, chemical constituents, chemical structure, therapeutic uses of following secondary metabolites containing drugs: (Alkaloids, Phenylpropanoids & Flavonoids, Steroids, Cardiac Glycosides, Volatile oils, Tannins, Resins containing drugs).

PHARM JURISPRUDENCE

1. Constitution of Pharmacy Council of India under the Pharmacy Act 1948. [COLLEGE ROLL: 1-9]
2. Constitution of State Pharmacy Council and its main function. [COLLEGE ROLL: 10-18]
3. Minimum qualifications prescribed under Pharmacy Act for Registration as Pharmacist. [COLLEGE ROLL: 19-27]
4. Duties and Pharmaceutical ethics of a Regd pharmacist in a retail medicine counter. [COLLEGE ROLL: 28-36]
5. Procedure in detail reg. Transfer of registration from one state to other state. [COLLEGE ROLL: 37-45]
6. MTP Act and punishment thereof. [COLLEGE ROLL: 46-REST]

MEDICINAL CHEMISTRY I

1. Neurotransmitter on alpha adrenergic receptor.

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MEDICINAL CHEMISTRY II

1. Gastric Proton pump inhibitors.
2. H1 antihistaminic agents.

PHARMACOLOGY –II

1. Write a Report on Inetiquette Lifestyles hampered in the regulation of Blood Pressure. [COLLEGE ROLL: 1-9]
2. Write a Report on Stress can be a key factor in maintaining normal homeostasis in the regulation of BP. [COLLEGE ROLL: 10-18]
3. Write a Report on K⁺ sparing diuretics played significant role in preventing hypokalemia. [COLLEGE ROLL: 19-27]
4. Write a Report on electrocardiophysiology retaining normal homeostasis in the heart. [COLLEGE ROLL: 28-36]
5. Write a Report on Mannitol played as osmotic diuretics. [COLLEGE ROLL: 37-45]
6. Write a Report on hypotension is the cause factor for hypertension. [COLLEGE ROLL: 46-REST]

B.PHARM 7TH SEMESTER

INDUSTRIAL PHARMACY II

1. Technology transfer protocol
2. Quality risk management

PHARMACY PRACTICE

1. Therapeutic Drug Monitoring

NDDS

1. Mucosal Drug Delivery System
2. Implantable Drug Delivery Systems

INSTRUMENTAL METHODS OF ANALYSIS

1. IR spectroscopy

N.B:

1. Students have to prepare their Assignment/ Report for above mentioned topic **INDIVIDUALLY**
2. Students must submit their Assignment/ Report within 26.08.2022

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