



ARKA JAIN
University
Jharkhand

SCHOOL OF PHARMACY

NOTICE

No: AJU/SP/144/22

Date 19th October 2022

It is hereby notified that the students of 1st Sem, 3rd Sem, 5th Sem and 7th Sem B. Pharmacy need to present their seminar in different subjects as per suitability of the subject teacher before 30th November 2022. A hardcopy of presented seminar need to be submitted to the subject teacher. Scanned copy of the same also need to be provided.

Sl. No	Semester	Subject	Topic
1	I	Human Anatomy and Physiology I	Group A: Cardiovascular Systems Group B: Family Planning Methods Group C: Tissue System Group D: Digestive System
2	I	Pharmaceutical Analysis I	Group A: Sources of errors, types of errors Group B: Precision and significant figures Group C: Theories of acid base indicators Group D: Non aqueous titration
3	I	Pharmaceutical Inorganic Chemistry	Group A: Limit test of chloride Group B: Sources of Impurity Group C: Modified limit test of chloride Group D: Limit test of Arsenic
4	I	Communication skills	Group A: Understanding of communication skills Group B: Basic elements of communication skills Group C: Differentiate between formal and informal communication Group D: Defining barriers of communication is the new learning, elaborate
5	I	Remedial Biology	Cell Organelles
6	III	Pharmaceutical Organic Chemistry II	Group A: Aromaticity and hybridization of Benzene

			Group B: Halogenation and Nitration Group C: Sulphonation and Friedel craft reaction Group D: Substituent effect of Benzene
7	III	Physical Pharmaceutics I	Group A: Solubility Expressions Group B: Diffusion Principles Group C: Refractive Index Group D: Complexation
8	III	Pharmaceutical Microbiology	Group A: Methods of Sterilization Group B: Sterility Testing of Products Group C: Assessment of Microbial Contamination and Spoilage Group D: Different types of Microbiological Assay
9	III	Pharmaceutical Engineering	Group A: Fluid Energy Mill Group B: Objectives of size reduction and its Pharmaceutical Importance Group C: Various theories involved with size reduction Group D: Instrument used for size reduction working under principle attrition and impact
10	III	Communication skills (LE)	Understanding of communication skills
11	V	Medicinal Chemistry II	Group A: H1 antihistamine agents Group B: Proton pump inhibitors Group C: Alkylating agents Group D: Antimetabolite agents
12	V	Industrial Pharmacy I	Group A: Formulation of Parenteral Products Group B: Preparation of Parenteral Products, layout, various cleanup areas and precautions aseptic work while conducting parenteral processing Group C: Sterility and Pyrogen test on Parenteral Products Group D: Clarity test, leak test and importance of tonicity adjusters in Parenteral Products
13	V	Pharmacology II	Group A: Anti-hypertensive drug Group B: Anti-hyperlipidemic drug Group C: Diuretics Group D: Anti-anginal drug
14	V	Pharmacognosy and Phytochemistry II	Group A: Tannin (Catechu, Pterocarpus) Group B: Volatile Oils (Clove, Mentha) Group C: Resins (Benzoin, Guggul) Group D: Alkaloids (Vinca, Rauwolfia)
15	V	Pharmaceutical Jurisprudence	Group A: Medical Termination of Pregnancy and Rules Group B: Prevention of Cruelty to Animal act 1969

			Group C: Medicinal and Toilet Preparation act Group D: Narcotic and Psychotropic Substances act
16	VII	Instrumental Methods of Analysis	Group A: UV Visible Spectroscopy Group B: Atomic Absorption Spectroscopy Group C: Gas Chromatography
17	VII	Industrial Pharmacy II	Group A: Introduction to ISO 9000 series of Quality Standards Group B: Indian Regulatory Requirements CDSCO Group C: Management of Clinical Studies
18	VII	Pharmacy Practice	Group A: Adverse Drug Reaction Group B: Budget Implementation Group C: Inventory Management
19	VII	Novel Drug Delivery System	Group A: Ocular Formulation and Ocuserts Group B: Development of Intra Uterine Devices Group C: Introduction to Liposomes


 Dean
 School of Pharmacy
 ARKA JAIN University Jharkhand

Dean

School of Pharmacy

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