

NOTICE

It is hereby informed to all students of B. Pharm 2<sup>nd</sup> semester (Admission batch 2024) that they have to submit the Assignment under continuous mode of Internal Assessment as per the topic mentioned below following the guidelines given below. The assignment shall be submitted at Laboratory on or before the end of 2<sup>nd</sup> sessional examination.

Roll No.	Assignment Topic					
	BP201T	BP202T	BP203T	BP204T	BP205T	BP206T
	HAP-II	Ph. Org. Chem-I	Biochemistry	Pathophysiology	Computer Application	Env. Science
24148001	Neurone	Properties of alkenes	Biomolecules	Diabetes	Computer Application	Natural Resources
24148002	Nervous system	Properties of ketones	Biochemistry of carbohydrate	Thyroid diseases,	Introduction to computers	Conservation of natural resources
24148003	Organization of nervous system	Properties of aldehydes	Biochemistry of lipids	Sex hormone diseases	Computer and its generation	Natural resources associated problems
24148004	Nerve Impulse Transmission	Properties of carboxylic acids	Biochemistry of nucleic acids	Peptic ulcer	Computer Number system	Ecosystems
24148005	Central nervous system	Properties of alcohols	Biochemistry of amino acids and proteins	Epilepsy	Concept of Information Systems and Software	Structure and function of an ecosystem
24148006	Brain	Chemical reactions of carboxylic acids	Carbohydrate metabolism	Parkinson's disease	Web technologies	Environmental Pollution
24148007	Spinal cord	Chemical reactions of ketones	Protein metabolism	Alzheimer's disease.	Computer server	Air Pollution
24148008	Cerebrospinal Fluid	Chemical reactions of aldehydes	Carbohydrate Energetics	Inflammatory bowel diseases	Computer data base	Water Pollution
24148009	Electrophysiology	Chemical reactions of alcohols	Bioenergetics	Jaundice	Application of computer in Pharmacy	Soil Pollution
24148010	Nerve fibre	Chemical reactions of alkyl halides	Glycolysis	Hepatitis	Bioinformatics	Forest ecosystem
24148011	Electrocardiogram	Chemical reactions of alkynes	TCA cycle	Liver cirrhosis	Bioinformatics in Vaccine Discovery	Aquatic ecosystem
24148012	Neurotransmitters	Organic Reactions mechanism	Glucose metabolism	Rheumatoid arthritis	Diagnostic application of computer	Desert ecosystem
24148013	Digestive system	Carbonyl compounds	HMP shunt	Osteoporosis	Computers in data analysis	Grassland ecosystem
24148014	Digestion & Absorption of Carbohydrate	Isomerism and its importance	Carbohydrate metabolism disorders	Gout	Computers in drug discovery	Renewable natural resources
24148015	Digestion & Absorption of Fat	Chemical reactions of alkanes	Gluconeogenesis	Principles of cancer	Computer languages	Non- Renewable natural resources
24148016	Digestion & Absorption of Protein	Chemical reactions of alkenes	Diabetes	Meningitis	Role of computer in Pharmacy	Forest resources
24148017	GIT Anatomy	Organic Reactions mechanism	Hormonal regulation of blood glucose level	Typhoid	Robotics	Land resources
24148018	Digestive Glands	Basics of organic compounds	Biological oxidation	Leprosy	Artificial intelligence	Mineral resources
24148019	GIT Disorders	Introduction to Organic compound	Electron transport chain	Tuberculosis	Computer hardware	Energy resources
24148020	Acid production in the stomach and Regulation	Structure and Uses of Dimethyl phthalate, Methyl salicylate and Acetyl salicylic acid	Oxidative phosphorylation	Sexually transmitted diseases	Computer software	Food resources
24148021	Salivary gland	Structure and Uses of Salicylic acid, Benzoic acid, Benzyl benzoate	Lipid metabolism	AIDS	Computer networking	Natural Resources 18/08/25 Principal

	HAP-II	Ph. Org. Chem-I	Biochemistry	Pathophysiology	Computer Application	Env. Science
24148022	Buccal cavity	Structure and Uses of Citric acid, Succinic acid. Oxalic acid,	ketone bodies; ketoacidosis	Syphilis	Concept of Information Systems and Software	Conservation of natural resources
24148023	Intestine	Structure and Uses of Acetic acid, Lactic acid, Tartaric acid	Biochemistry of cholesterol	Gonorrhea	Web technologies	Natural resources associated problems
24148024	Stomach	Qualitative for esters	Biochemistry of steroid hormones	Pathogenesis of Cancer	Computer server	Ecosystems
24148025	Lungs	Qualitative for amides	Biochemistry of Vitamin D	Diseases of bones and joints	Computer data base	Structure and function of an ecosystem
24148026	mechanism of respiration	Qualitative for alcohols	Disorders of lipid metabolism	Cancer	Application of computer in Pharmacy	Environmental Pollution
24148027	Regulation of respiration	Qualitative for ketones	Atherosclerosis	Ulcers	Bioinformatics	Air Pollution
24148028	Lung Volumes & Capacities	Qualitative for aldehyde	Obesity	Infectious diseases	Bioinformatics in Vaccine Discovery	Water Pollution
24148029	Artificial respiration, and resuscitation methods	Qualitative test for carboxylic acid	Fatty liver	Liver diseases	History and types of Computer	Soil Pollution
24148030	Kidney	Qualitative test, Structure and uses of Ethanolamine, Ethylenediamine, Amphetamine	De novo synthesis of fatty acids	Gall bladder stone	Supercomputer	Forest ecosystem
24148032	Nephron	Amines	Amino acids	psychiatric disorders	Introduction to computers	Natural Resources
24148033	Physiology of Urine formation	Carboxylic acids	Amino acids metabolism	Stokes	Computer and its generation	Conservation of natural resources
24148034	Micturition	Canizzaro, crossed canizzaro, and Benzoin condensation	Amino acids metabolism disorders	Acute renal failure	Computer Number system	Natural resources associated problems
24148035	Role of Kidney in Acid-Base balance	Aldol, crossed aldol, perkin condensation	Urea cycle	Chronic renal failure	Concept of Information Systems and Software	Ecosystems
24148036	Kidney disorders	Qualitative tests, Structure and uses of Formaldehyde, Paraldehyde, Acetone, Chloral hydrate	Catabolism of phenylalanine and their metabolic disorders	Ischaemic heart disease	Web technologies	Structure and function of an ecosystem
24148037	Urinary system	Qualitative tests, Structure and uses of Hexamine, Benzaldehyde, Vanillin, Cinnamaldehyde.	Catabolism of tyrosine and their metabolic disorders	Respiratory diseases	Computer server	Environmental Pollution
24148038	Endocrine system	Ketones	Synthesis and significance of 5-HT, melatonin, dopamine	Anemias	Computer data base	Air Pollution
24148039	Pituitary gland & disorders	Aldehydes	Synthesis and significance of noradrenaline, adrenaline	Haematological Diseases	Application of computer in Pharmacy	Water Pollution
24148040	Thyroid gland& disorders	Carbonyl compounds	Catabolism of h	Renal failure	Bioinformatics	Soil Pollution
24148041	Parathyroid gland& disorders	Structure and uses of Cetosteryl alcohol, Benzyl alcohol, Glycerol, Propylene glycol	Jaundice	Chronic obstructive airways diseases	Bioinformatics in Vaccine Discovery	Forest ecosystem
24148042	Adrenal gland& disorders	Structure and uses of Ethyl alcohol, Methyl alcohol, chlorobutanol, Cetosteryl alcohol	Nucleic acids	Asthma diseases	Diagnostic application of computer	Aquatic ecosystem Principal 2/18/25

	HAP-II	Ph. Org. Chem-I	Biochemistry	Pathophysiology	Computer Application	Env. Science
24148043	Pancreas& disorders	Alcohols	Nucleic acid metabolism	Arteriosclerosis	Computers in data analysis	Desert ecosystem
24148044	Thymus gland& disorders	Structure and uses of ethylchloride, Chloroform, trichloroethylene,	Biosynthesis of purine and pyrimidine nucleotides	Myocardial infarction	Computers in drug discovery	Grassland ecosystem
24148045	Endocrine disorders	Structure and uses of tetrachloroethylene, dichloromethane, tetrachloromethane and iodoform.	Catabolism of purine nucleotides	Angina pectoris	Computer languages	Renewable natural resources
24148046	Reproductive system	SN reactions of alkyl halides	Gout disease	Ischemic heart disease (angina, myocardial infarction, arteriosclerosis)	Role of computer in Pharmacy	Non- Renewable natural resources
24148047	Male Reproductive system	Alkyl halides	Structure and functions of DNA	congestive heart failure	Robotics	Forest resources
24148048	Female Reproductive system	Electrophilic addition of conjugated dienes	Structure and functions of RNA	Hypertension	Artificial intelligence	Land resources
24148049	Menstrual cycle	Free radical addition reactions of conjugated dienes	RNA Synthesis	Cardiovascular System	Computer hardware	Mineral resources
24148043	Spermatogenesis	Electrophilic addition reactions of alkenes	Therapeutic and diagnostic applications of enzymes and isozymes	Mechanism of Inflammation	Computer software	Energy resources
24148050	Oogenesis	Conjugated dienes	Co-enzymes	Atherosclerosis	Computer networking	Food resources
24148051	Fertilization	Alkynes	DNA Replication	Wound healing	Concept of Information Systems and Software	Natural Resources
24148052	Pregnancy	Alkenes	Translation	Inflammation	Web technologies	Conservation of natural resources
24148053	Parturition	Alkanes	Genetics	Homeostasis	Computer server	Natural resources associated problems
24148054	Genetics	Geometrical isomerism	Regulation of enzymes	Cell death	Computer data base	Ecosystems
24148055	Protein synthesis	Optical Isomerism	Hyperuricemia	Cell acidosis and alkalosis	Application of computer in Pharmacy	Structure and function of an ecosystem
24148056	Nucleic acids	Stereoisomerism	Hyperbilirubinemia	Electrolyte imbalance	Bioinformatics	Environmental Pollution
24148057	Genes	Structural isomerism	Biochemistry of Haemoglobin	Morphology of cell injury	Bioinformatics in Vaccine Discovery	Air Pollution
24148058	DAN Replication	Isomerism	Protein metabolism disorder	Pathogenesis of cell injury	History and types of Computer	Water Pollution
24148059	Transcription	Nomenclature of organic compounds	History and importance of Biochemistry	Cell Adaptation	Computer and its application	Soil Pollution
24148060	Translation	Classification of Organic compounds	Enzymes	Cell injury	Supercomputer	Forest ecosystem

**Guidelines:** Assignment must be 4 to 5 pages minimum (one side) self- hand written in A4 paper, with good and sufficient information. The Title page must be colour printing. Self-full signed in last page. For guidance student can meet the subject teachers. The assignment topic and its content must be same with the notified topic.

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05/08/2025