

CLASS ROOM | AQM ERP

S.No.	Date	Week	Teacher	Description	Action
1	20/02/2026	Week 1	Dr. Habibullah Shaikh	introduction to Biochemistry	Edit Delete
2	24/02/2026	Week 2	Dr. Habibullah Shaikh	Define biochemistry and Discuss the role of biochemistry in medicine	Edit Delete
3	28/02/2026	Week 2	Dr. Habibullah Shaikh	SDL	Edit Delete
4	03/03/2026	Week 3	Dr. Nosheen Zardari	Discuss the-integration of macromolecules in Human body at different levels organization	Edit Delete
5	05/03/2026	Week 3	Dr. Mahak Memon	Biochemical structure of mitochondria	Edit Delete
6	10/03/2026	Week 4	Dr. Mahak Memon	Biochemical aspects of membrane permeability & functions of cholesterol in biological membranes	Edit Delete
7	12/03/2026	Week 4	Dr. Faryal Adnan Rajput	Concept of pH & Its regulation in normal Health, Acidosis, Alkalosis	Edit Delete
8	16/03/2026	Week 5	Dr. Faryal Adnan Rajput	Buffers & their Mechanism of Action Types of Buffers in Humans	Edit Delete
9	19/03/2026	Week 5	Dr. Faryal Adnan Rajput	Definitions of Bio-Physical Terms: Osmosis, Osmotic Pressure, Osmolarity, Surface Tension, Viscosity, Colloid oncotic pressure.	Edit Delete
10	24/03/2026	Week 6	Dr. Bhagwani	carbohydrate : introduction , classification and its biochemical significance	Edit Delete
11	26/03/2026	Week 6	Dr. Bhagwani	Monosaccharides: Classification, Structure, Functions	Edit Delete
12	28/03/2026	Week 6	Dr. Habibullah Shaikh	Chemical Properties & Derivatives of Monosaccharides & their biochemical significance in biological systems.	Edit Delete
13	02/04/2026	Week 7	Dr. Nosheen Zardari	Isomerism: Structural & Optical Isomerism in carbohydrates & their Biochemical significance.	Edit Delete
14	04/04/2026	Week 7	Dr. Mahak Memon	Glycosidic Linkage, Biologically important disaccharides and oligosaccharides	Edit Delete
15	07/04/2026	Week 8	Dr. Mahak Memon	Polysaccharides: Classification, Structure & Functions of Homopolysaccharides	Edit Delete
16	09/04/2026	Week 8	Dr. Aneel Kapoor Maheshwari	Classification of Amino Acids on the basis of their structure & Nutrition,& their role in human metabolism-I	Edit Delete
17	11/04/2026	Week 8	Dr. Aneel Kapoor Maheshwari	Classification of Proteins on the basis of biophysical significance, Axial Ratio and functions. Structural Organization of Proteins	Edit Delete
18	14/04/2026	Week 9	Dr. Amjad Ali Bhatti	Enzymes: Classification, How Enzymes work? Enzyme Kinetics	Edit Delete
19	16/04/2026	Week 10	Dr. Aneel Kapoor Maheshwari	Composition of blood & role of plasma proteins in blood circulation (Specialized body fluid)	Edit Delete
20	21/04/2026	Week 10	Dr. Aneel Kapoor Maheshwari	Iron Metabolism	Edit Delete
21	23/04/2026	Week 11	Dr. Faryal Adnan Rajput	Poryphrias & Porphyrinurias	Edit Delete
22	25/04/2026	Week 11	Dr. Faryal Adnan Rajput	Hemoglobin: Structure, Varieties & Derivatives of Hb, The T and R forms, Oxygenation of hemoglobin molecule,	Edit Delete
23	25/04/2026	Week 11	Dr. Faryal Adnan Rajput	Derivatives of Hb & Hemoglobinopathies	Edit Delete
24	02/04/2026	Week	Dr. Faryal Adnan	Heme Catabolism	Edit Delete

S.No.	Date	Week	Teacher	Description	Action
		12	Rajput		
25	27/04/2026	Week 12	Dr. Nosheen Zardari	Biochemistry of Folic Acid (B9), Cobalamin (B12) & Vitamin C (Ascorbic Acid) & their role in Hb Synthesis	Edit Delete
26	29/04/2026	Week 12	Dr. Nosheen Zardari	Biochemistry of Vitamin B6 & its role in Hb Synthesis. Biochemistry of Vitamin K & its role	Edit Delete
27	30/04/2026	Week 12	Dr. Faryal Adnan Rajput	Jaundice, Types, Disorders associated with Bilirubin Metabolism	Edit Delete
28	05/05/2026	Week 13	Dr. Nosheen Rathore	Vitamin K & E	Edit Delete
29	06/05/2026	Week 13	Dr. Bhagwani	Classification and Biochemical role of Macro minerals (Na, K, Ca, Cl, PO ₄) Microminerals (Fe, Zn, Mg, Se, I, Cu, Cr, Cd, Mn)	Edit Delete
30	08/05/2026	Week 13	Dr. Nosheen Zardari	Vitamins: Classification & General Functions of Vitamins	Edit Delete
31	09/05/2026	Week 14	Dr. Amjad Ali Bhatti	Immunoglobins	Edit Delete
32	11/05/2026	Week 14	Dr. Aneel Kapoor Maheshwari	Nucleic Acids: Basic Biochemical structure, Types of nucleic acids, functions.	Edit Delete
33	11/05/2026	Week 15	Prof. Dr. Farheen Shaikh	DNA Replication in Prokaryotes & Eukaryotes.	Edit Delete
34	13/05/2026	Week 15	Prof. Dr. Farheen Shaikh	Transcription & Post- Transcriptional Modifications	Edit Delete
35	16/05/2026	Week 15	Prof. Dr. Farheen Shaikh	Translation & Post- Translational Modifications	Edit Delete
36	19/05/2026	Week 16	Dr. Mahak Memon	Role of Heteropolysaccharides (Glycosaminoglycans) in formation of Extracellular Matrix	Edit Delete
37	21/05/2026	Week 16	Dr. Mahak Memon	Definition of proteoglycans, General structure of Proteoglycans. Difference between Proteoglycans and Glycoproteins	Edit Delete
38	26/05/2026	Week 17	Dr. Mahak Memon	Inherited disorders of Glycosaminoglycans (GAGs): Mucopolysaccharidoses	Edit Delete
39	28/05/2026	Week 17	Dr. Murk Zardari	calcium Metabolism	Edit Delete
40	30/05/2026	Week 17	Dr. Nosheen Zardari	Vitamin D	Edit Delete
41	20/07/2026	Week 18	Dr. Faryal Adnan Rajput	Role of parathyroid hormone, vitamin- D and calcitonin in musculoskeletal system	Edit Delete
42	23/07/2026	Week 18	Dr. Shakila Bano Qureshi	Phosphorus Metabolism	Edit Delete
43	30/07/2026	Week 18	Dr. Nosheen Zardari	Rickets, Osteomalacia, Osteoporosis, Osteogenesis imperfecta	Edit Delete
44	28/07/2026	Week 19	Dr. Faryal Adnan Rajput	Chemical composition of bone.	Edit Delete
45	30/07/2026	Week 19	Dr. Mahak Memon	Collagen disorders of musculoskeletal system	Edit Delete
46	04/08/2026	Week 20	Dr. Nosheen Zardari	Glycogenesis and Glycogenolysis	Edit Delete
47	06/08/2026	Week 20	Dr. Nosheen Zardari	Inherited Disorders of Glycogen metabolism in muscles.	Edit Delete
48	11/08/2026	Week 21	Dr. Aneel Kapoor Maheshwari	De Novo Synthesis of Purines & Pyrimidines	Edit Delete
49	13/08/2026	Week 21	Dr. Aneel Kapoor Maheshwari	Catabolism of Nucleic Acids, Purines & Pyrimidines	Edit Delete
50	18/08/2026	Week	Dr. Aneel Kapoor	Diseases Associated with Nucleotide Metabolism:	Edit Delete

S.No.	Date	Week	Teacher	Description	Action
		22	Maheshwari	Hyperuricemia& Gout	
51	20/08/2026	Week 22	Dr. Aneel Kapoor Maheshwari	Acid base balance Metabolic acidosis & Metabolic alkalosis	Edit Delete
52	25/08/2026	Week 23	Dr. Faryal Adnan Rajput	Electron transport chain & ATP synthesis	Edit Delete
53	27/08/2026	Week 23	Dr. Nosheen Zardari	TCA Cycle	Edit Delete
54	01/09/2026	Week 24	Dr. Bhagwani	ABG's interpretation	Edit Delete
55	03/09/2026	Week 24	Dr. Aneel Kapoor Maheshwari	Biochemical basis of respiratory disorders (Emphysema, ARDS etc	Edit Delete
56	08/09/2026	Week 25	Dr. Murk Zardari	Determination of pH	Edit Delete