

No. of Hours	TOPIC	Days	Expected date	Conducted date	Remark
1	Introduction	MON	16-06-25		
2	Introduction, definitions, Homeostasis, Components and Types of Feedback systems,	TUE	17-06-25		
3	Causes of cellular injury, Pathogenesis	WED	18-06-25		
4	Cell membrane damage, Mitochondrial damage, Ribosome damage, Nuclear damage	MON	23-06-25		
5	Morphology of cell injury – Adaptive changes (Atrophy, Hypertrophy, hyperplasia, Metaplasia, Dysplasia),	TUE	24-06-25		
6	Cell swelling, Intra cellular accumulation, Calcification, Enzyme leakage and Cell Death Acidosis & Alkalosis, Electrolyte imbalance	WED	25-06-25		
7	Introduction, Clinical signs of inflammation, Different types of Inflammation, Mechanism of Inflammation	MON	30-06-25		
8	Alteration in vascular permeability and blood flow,	WED	02-07-25		
9	migration of WBC's,	MON	07-07-25		
10	Mediators of inflammation, Basic principles of wound healing in the skin,	TUE	08-07-25		
11	Pathophysiology of Atherosclerosis	WED	09-07-25		
12	Cardiovascular System:	MON	14-07-25		
13	Hypertension,	TUE	15-07-25		
14	congestive heart failure	WED	16-07-25		
15	Ischemic heart disease (angina, myocardial infarction,	TUE	22-07-25		
16	atherosclerosis and arteriosclerosis)	WED	23-07-25		
17	Respiratory system:	MON	28-07-25		
18	Asthma	TUE	29-07-25		
19	Chronic obstructive airways diseases	WED	30-07-25		
20	Renal system: Acute	MON	04-08-25		
21	chronic renal failure .	TUE	05-08-25		
22	Iron deficiency, megaloblastic anemia (Vit B12 and folic acid), sickle cell anemia, thalassemia	WED	06-08-25		
23	Hereditary acquired anemia, hemophilia	MON	18-08-25		
24	Endocrine system: Diabetes, thyroid diseases,	TUE	19-08-25		
25	disorders of sex hormones	WED	20-08-25		

No. of Hours	TOPIC	Days	Expected date	Conducted date	Remark
26	Nervous system: Epilepsy,	MON	25-08-25		
27	Parkinson's disease, stroke,	TUE	26-08-25		
28	psychiatric disorders: depression,	WED	27-08-25		
29	schizophrenia	MON	01-09-25		
30	Alzheimer's disease.	TUE	02-09-25		
31	Gastrointestinal system: Peptic Ulcer	WED	03-09-25		
32	Inflammatory bowel diseases,	MON	08-09-25		
33	Jaundice, hepatitis (A,B,C,D,E,F)	TUE	09-09-25		
34	Alcoholic liver disease.	WED	10-09-25		
35	Disease of bones and joints: Rheumatoid arthritis, osteoporosis and gout	MON	15-09-25		
36	Principles of cancer: classification, etiology and pathogenesis of cancer	TUE	16-09-25		
37	Diseases of bones and joints: Rheumatoid Arthritis	WED	17-09-25		
38	Osteoporosis, Gout	MON	22-09-25		
39	Principles of Cancer: Classification, etiology and pathogenesis of Cancer	TUE	23-09-25		
40	Infectious diseases:	WED	24-09-25		
41	Meningitis,	MON	29-09-25		
42	Typhoid, Leprosy,	TUE	30-09-25		
43	Tuberculosis	MON	06-10-25		
44	Urinary tract infections	WED	08-10-2		
45	Sexually transmitted diseases:AIDS, Syphilis, Gonorrhea	WED	22-10-25		