

No.	Title of the lectures	Hours
1	Introduction to pathology Clinical pathology Molecular pathology Cell damage reversible cell injury	2
2	Irreversible cell injury Deposits and pigmentation External and internal pigmentation	4
3	Inflammation Acute inflammation Chronic pathology Chemical mediators	4
4	Healing and repair Healing of skin wound Healing of bone	4
5	Hemodynamic Disorders, Thromboembolic Disease, and Shock	4
6	Genetic	4
7	Diseases of the Immune System Hypersensitivity Autoimmune diseases Transplantation	4
8	Neoplasia benign and malignant tumors molecular basis of tumors	6
9	Infections Bacterial and viral infection	2
10	Environmental and Nutritional Diseases	2
11	Blood Vessels	2
12	The Heart	2
13	Red Blood Cell and Bleeding Disorders	2
14	Diseases of White Blood Cells	2

15	Diseases of G.I.T	4
16	Diseases of liver,	2
17	pancreas and gall bladder	2
18	Diseases of respiratory system	2
19	Bone diseases	2
20	Kidney	2
21	Urinary system	2
Total		60

No	<i>Laboratory sessions</i>	Hours
1	Introduction to general pathology and biopsy	2
2	Power points slides	2
3	Power points and histopathological slides demonstrating fatty changes in liver and cloudy swelling in kidney The gross appearance of reversible cell injury	2
4	Power points and histopathological slides of coagulative necrosis in heart muscles and caseous necrosis in lung With explanation of gross appearance	2
5	Power points and histopathological slides of anthracosis of lung and hemosiderosis in liver With explanation of gross appearance	2
6	Power points and histopathological slides of amyloidosis in kidney, H With explanation of gross appearance & E. and congo-red stain	2
7	Power points and histopathological slides of acute appendicitis (appendix), acute osteomyelitis and lobar pneumonia (lung ,)	2
8	Power points and histopathological slides of chronic cholecystitis in gall bladder and With explanation of gross appearance osteomyelitis in bone	2
9	Power points and histopathological slides of keloid in skin and granulation tissue	2
10	Power points and histopathological slides of TB in lung and actinomycosis With explanation of gross appearance	2
11	Power points and histopathological slides of Sarcoidosis With explanation of gross appearance	2
12	Power points slides of CVC in lung and liver With explanation of gross appearance	2
13	Power points slides of blood vessels thrombosis	2
14	Power points and histopathological slides of lipoma, S.C papilloma of skin With explanation of gross appearance	2
15	Power points and histopathological slides of osteoma of the bone	2
16	Power points and histopathological slides of S.C. carcinoma and adeno carcinoma of the colon With explanation of gross appearance	2
17	Power points and histopathological slides of thyrotoxicosis of thyroid and hashimotois thyroiditis in thyroid With explanation of gross appearance	2
18	Data show slides	2
19	Data show slides	2

20	Power points and histopathological slides of myocardial infarction of heart and atherosclerosis in blood vessels With explanation of gross appearance	2
21	Power points and histopathological slides of chronic gastritis in stomach and peptic ulcer With explanation of gross appearance	2
22	Power points and histopathological slides of liver cirrhosis and hepatocellular carcinoma With explanation of gross appearance	2
23	Power points and histopathological slides of emphysema in lung and chronic bronchitis in bronchus With explanation of gross appearance	2
24	Data show	2
25	Data show	2
26	Data show	2
27	Data show	2
28	Data show	2
29	Power points slides	2
30	Power points slides	2
Total		60