

10. Statistical tests using various statistical software's like SPSS, MINITAB, etc.

THIRD PROFESSIONAL

3rd Pro

PATHOLOGY **Paper 1**

[Theory]
Marks 50

1. SCOPE OF PATHOLOGY & CONCEPT OF DISEASES:
2. DEFINITION AND TERMINOLOGY: Ischemia, Hypoxia, Necrosis, Infarction, Atrophy, Hypertrophy, Hyperplasia, Metaplasia, Aplasia, Anaplasia.
3. RESPONSE OF BODY TO INJURY AND INFECTION: Acute and Chronic inflammation, Immunity, Allergy, Hyper Sensitivity.
4. SPECIFIC DISEASES: Ulcer (Peptic, Duodenal), Hypertension, Leukemia or Blood Cancer (Malignant Carcinoma, Sarcoma & Lymphomas), Diagnosis and treatment of Cancer in general, fate, survival and prognosis with tumors.

PATHOLOGY **Paper 7**

[Practical]
Marks 50

1. Study of Pathological Slides of various Pathological Conditions: Acute inflammation, Chronic inflammation, Chronic specific inflammation, Different types of Degeneration, Thrombosis, Embolism, Infarction, Necrosis, Gangrene, Hyperplasia, Metaplasia, Pigmentation, Calcification, CVC, Papilloma, Adenoma, Chondroma, Fibroma, Leiomyoma, Neofibroma, Squamous Cell Carcinoma, Basal Cell Carcinoma, Transitional Cell Carcinoma, Adenocarcinoma, Fibrocarcinoma, Rhabdomyosarcoma, Leiomyosarcoma, Lymphosarcoma, Liposarcoma, Reticular

Department of Pharmacy

The Islamia University of Bahawalpur

Course Title: **Pathology**

Teacher Name: **Dr. Muhammad Asif**

Semester/ Year: **3rd Professional**

Paper 1

Lec. #	Week	Topic	Sig.
March 2020			
1	4	Inflammatory pathways; Important considerations and Classification	
2	4	Steps of Inflammation	
April 2020			
3	1	Types of Inflammation: Event of Acute Inflammatory pathway	
4	1	Events of Acute Inflammatory pathway (Vascular)	
5	1	Events of Acute Inflammatory pathway (Cellular)	
6	2	Neutrophils granules	
7	2	Neutrophils granules and mechanisms involved in phagocytosis	
8	2	Neutrophil Extracellular Trap (NET)	
9	3	Morphology of Acute Inflammation (Terminologies)	
10	3	Outcomes of Acute Inflammation	
11	3	Systemic Effects of Inflammation	
12	4	Chronic Inflammation (Causes of Chronic Inflammation)	
13	4	Morphological features	
14	4	Cells and types of Chronic Inflammation	

Teacher's Signature: _____

Date: 27/03/2020

Note: The outline is designed for online lectures keeping in view current epidemic situation and with a hope that it will be resolved in the month of April with Allah's will.