

TEACHING SCHEDULE FOR MBBS IIND PROF. 2015 BATCH
GENERAL PATHOLOGY

S.No.	TOPIC	No. of Lects.	Teacher
1.	Introduction to Pathology	01	Prof S Shamshad Ahmad
2.	Cell Structure, Modern concept		
3.	Cell Injury, (Reversible, Irreversible and free radical injury)	02	Dr Firoz Alam
	Degeneration and abnormal accumulation		
4.	Necrosis Apoptosis and Gangrene	02	Prof Nazoor Khan
5.	Pigment and Calcification	01	Dr Bushra Siddiqui
6.	Acute Inflammation	03	Prof Mahboob Hasan
7.	Repair and Regeneration	01	Prof Mohammed Naim
8.	Chronic Inflammatory (Granulomas and Chronic Inflammation)	04	Prof S Shamshad Ahmed
9.	Circulatory disturbances (Thrombosis, Embolism Infarction shock congestion)	04	Prof Mehar Aziz
10.	Body fluid disturbances		
11.	Immunity, hypersensitivity reactions and Auto immunity	03	Prof. S.H. Arif
12.	Transplantation & Rejection reaction	01	Dr. Anshu Jain
13.	AIDS	01	Dr. Nishat Afroz
14.	Amyloidosis	02	Prof. Veena Maheshwari
15.	Cytopathology	01	Dr. Kafil Akhtar
16.	Ionizing Radiation	01	
17.	Medical Cytogenetics	01	Dr. Nishat Afroz
18.	Growth disorders	01	Prof. Kiran Alam
19.	Neoplasia-Definition, Classification , Characteristics of Malignant cells , difference between benign and malignant cells Different methods and pathogenesis of spread of malignant tumors , Lab diagnosis of malignancy	04	Dr. Roobina Khan
20.	Carcinogenesis-Chemical, physical, radiation, viral oncogenesis Other aspects of malignancy	04	Dr. Hena A Ansari

(Dr.S. Shamshad Ahmad)
Professor & Chairman

Chair Person
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Teaching Schedule for MBBS IInd Prof. 2015 Batch**Haematology**

S.No	Topic	No. of Lects.	Teacher
1.	Introduction to Haematology	01	Dr Kafil Akhtar
2.	Normal and abnormal Haemopoiesis	01	Dr Kafil Akhtar
3.	Structure, function and diagnostic significance of RBC	01	Dr Kafil Akhtar
4.	Structure, function and diagnostic significance of WBC & Platelet	02	Dr Roobina Khan
5.	Bone Marrow Examination	01	Prof Nazoora Khan
6.	Hemoglobin Structure and Metabolism	01	Dr Feroz alam
7.	Classification of Anaemia	01	Dr Mahboob Hasan
8.	Iron deficiency Anaemia	01	
9.	Macrocytic Anaemias. Sideroblastic anaemia	02	Prof Veena Maheshwari
10.	Hemolytic Anaemias. Lab diagnosis	02	Prof Mohammed Naim
11.	Hemoglobinopathies	02	Dr Nishat Afroz
12.	Blood Coagulation and its disorders	02	Prof Shamshad Ahmad
13.	Hemorrhagic disorders	02	Prof Shamshad Ahmad
14.	Leukaemias and Leukamoid reaction	03	Prof S H Arif
15.	Multiple Myeloma and Dysproteinaemia	02	Prof Mehar Aziz
16.	Polycythemia	02	Prof Kiran Alam
	Infectious Mononucleosis		
17.	Myelofibrosis, and Myelodysplasia	02	Dr Hena A Ansari
18.	Aplastic anemia	01	Prof Mahboob Hasan
19.	Disorders associated with splenomagaly	01	Dr Anshu Jain
20.	Examination of peripheral Blood	01	Dr Hena A Ansari
21.	Blood groups and Immunohaematology	02	Dr Feroz Alam
22.	Blood Transfusion indications, collection and Transfusion Reaction	02	Dr Bushra Siddiqui

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TEACHING SCHEDULE FOR MBBS 2015 BATCH
SYSTEMIC PATHOLOGY

S.No.	Topic	No. of Lects.	Teacher
1.	Cardiovascular System	07	Prof S Shamshad Ahmed
2.	Kidney	07	Prof Mehar Aziz
3.	Respiratory System	07	Prof S H Arif
4.	GIT	06	Dr Nishat Afroz
5.	Liver	05	Prof Mahboob Hasan
6.	Gall Bladder	02	Dr Feroz Alam
7.	Male Genital System (Prostate & Testes	04	Dr Roobina khan
8.	Lower Urinary Tract		
9.	Female Genital System (Ovary,Uterus and cervix	04	Dr.Kafil Akhtar
10.	Breast	02	Prof Nazoora Khan
11.	Lymphnode and Spleen	04	Prof Kiran Alam
12.	Endocrines & Pancreas	04	Prof Veena Maheshwari
13.	Bones and Joints and Muscle	03	Dr. Hena A Ansari
14.	Central Nervous System	03	Dr Anshu Jain
15.	Ophthalmic Pathology	01	Dr Bushra Siddiqui
16.	ENT Pathology	01	Dr Bushra Siddiqui
17.	Skin	01	Dr Bushra Siddiqui

Teaching incharge of MBBS 2015 Batch theory and practical

i-Dr Nishat Afroz

ii-Dr Roobina Khan

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Revised Curriculum of Demonstration classes for MBBS IInd Prof. 2015 Batch

1. Collection preservation of Blood samples and anticoagulants.
2. Self protection against HIV & Hepatitis and counsel the patients.
3. Estimation of Hb, TLC, DLC, Principles of Electronic Cell counting machine
4. ESR and PCV with Haematological indices.
5. GBP & Hemoparasites
6. Bone Marrow Aspiration and indications Bone Marrow biopsy.
7. BT, CT, Platelet count and coagulation tests.
8. Urine Examination.
9. CSF Examination and Exam. Of Body fluid.
10. Semen Analysis
11. Renal function tests including Renal biopsy.
12. Jaundice
13. Liver function tests including liver biopsy
14. Blood protein in health and diseases
15. Pancreatic function tests / Exocrine
Endocrine
16. Gastric function tests (Gastric Analysis)
17. Thyroid function tests
18. Exfoliative Cytology / Gynaecological
-Non Gynaecological
19. Fine Needle Aspiration Cytology & Cytogenetic including Buccal smears
20. Blood Banking-Blood Transfusion-Blood Grouping and Blood Components
21. Serum Electrolytes and Blood Gases
22. Hormone and Immunohistochemistry
23. Autopsy General Principles
24. Instruments and Clinical exercises
25. Museum Specimens
26. Following case cards to be demonstrated:
 - a. Iron def anaemia –case history and photograph for diagnosis
 - b. Megaloblastic anaemia- case history and photograph for diagnosis
 - c. Thalassemia- case history and photograph for diagnosis
 - d. Photograph and case history for some common diseases for spot diagnosis
 - e. OGTT curve for hyperglycemia ,renal glycosuria etc.

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Revised Curriculum of Practical classes for MBBS IInd Prof. 2015 Batch

1. Exercises of urine examination for albumin ,sugar ketone bodies and blood urine by routine and dipstick method
2. Blood smear preparation and staining by Leishman stain and DLC
3. Demonstration of TLC ✓
4. Hb estimation by sahli's method ✓
5. Blood grouping .
6. Demonstration of ESR by wintrobe tube and how to take reading of ESR and PCV
7. PBS examination for common haematological problem such as CML,AML,ALL,CLL malarial parasite ,eosinophils,reticulafte , IDA
8. Bone marrow examination for megakaryocytes.
9. Common histopathological lesion.