

Pathology MUHS Questions (2005-2015)

Paper II

CHAPTER 1- CARDIOVASCULAR SYSTEM

1. Fallot's Tetralogy
2. Myocardial Infarction: Complications
3. Hodgkin's Lymphoma: Rye's Classification, Reed-Sternberg Cell; Gross and Microscopy
4. Non-Hodgkin's Lymphoma: Classify, Reed-Sternberg Cell and variant
5. Pathologic changes in left sided heart failure
6. Atherosclerosis: Complications; Risk Factors, Pathogenesis, Gross and microscopy
7. Bacterial Endocarditis: Morphology and Complications
8. Distinguish between rheumatic and bacterial endocarditis
9. Splenomegaly: Classify
10. Hypertension: Classification, Etiopathogenesis; Morphology
11. Rheumatic Heart Disease: Extra-cardiac lesions

LAQ

1. Myocardial Infarction: Gross and Microscopy; Complications; Enzymes, Gross and Microscopy; Classify Ischemic Heart Disease, Gross and Microscopy;
2. Rheumatic Fever and Rheumatic Heart Disease: Jones Criteria, Aschoff's Nodule, Complications
3. Atherosclerosis: Pathogenesis, Pathology, Clinical Course, Complications

CHAPTER TWO- RESPIRATORY SYSTEM

SAQ

1. Lobar Pneumonia: Stages and complications
2. Emphysema: Types
3. Hyaline Membrane Diseases
4. Bronchogenic Carcinoma: Gross appearance
5. Oat Cell Carcinoma: Gross and Microscopy
6. Tuberculosis: Morphological Types; Morphology of lesions
7. Bronchiectasis: Gross and Microscopy, Etiology, Complications

LAQ

1. Lung Tumours: Risk Factors, Paraneoplastic Syndromes
2. Lobar Pneumonia: Etiopathogenesis, Gross and Microscopy, Complications

CHAPTER 3 GASTROINTESTINAL SYSTEM

SAQ

1. Crohn's and Ulcerative Colitis: Morphological and gross differences
2. Peptic Ulcer: Gross and Microscopy; *H. pylori*
3. Carcinoid Tumour: Gross and Microscopy
4. Salivary Gland Tumours: Malignant; Pleomorphic Adenoma
5. Intestinal TB: Gross and Microscopy
6. Distinguish between Benign and malignant tumours
7. Ulcerative lesions of small and large intestine; Differentiate between Typhoid and TB Ulcers

LAQ

1. Gastric Carcinoma: Pathogenesis and Morphology; Etiopathogenesis, Gross and Microscopy
2. Ulcerative Colitis: Classify ulcerative lesions, Gross and Microscopy;
3. Ca Colon: Etiology, Gross and Microscopy, Spread

CHAPTER 4 LIVER AND GALL BLADDER

SAQ

1. Alcoholic Liver Disease: Lesions
2. Hepatitis Virus: Types, Routes of Transmission, Serological markers in hepatitis B
3. Jaundice: Types with causes; Lab Findings in Obstructive
4. Classification of cirrhosis
5. Amoebic Liver Abscess: Gross and Microscopy, Clinical Presentation
6. Fatty Liver: Etiopathogenesis
7. Primary Ca Liver: Pathogenesis and Morphology

LAQ

1. Jaundice: Pathophysiology, Lab Tests for its Differential Diagnosis; Define and Classify, Lab diagnosis
2. Liver cirrhosis: Classification, Complications; Etiology, Morphology of Post-necrotic cirrhosis
3. Alcoholic Liver Disease: Morphology and Pathogenesis

CHAPTER 5 RENAL SYSTEM

SAQ

1. Stains used for interpretation of kidney biopsy (4)
2. Chronic Pyelonephritis: Gross and Microscopy
3. Acute Post-streptococcal Glomerulonephritis: Urinary Findings; Gross and Microscopy, Etiology
4. Wilm's Tumour: Gross and microscopy
5. Nephrotic Syndrome: Features

LAQ

1. Glomerulonephritis: Classify, RPGN Gross and Microscopy
2. Post-streptococcal: Etiopathogenesis, Morphology, Clinical course

CHAPTER 6 MALE GENITAL SYSTEM**SAQ**

1. Germ cell tumours of testis; Seminoma Gross and Microscopy; Routes of spread

LAQ

1. Blood transfusion

CHAPTER 7 FEMALE GENITAL SYSTEM AND BREAST**SAQ**

1. Hydatiform Mole: Gross and Microscopy
2. CA Cervix: Etiological Factors
3. Fibroadenoma: Classify breast tumours, Gross & Microscopy

LAQ

1. Fibroadenoma: Classify breast tumours, Gross & Microscopy
2. CIN and Invasive Cervical Cancer: Etiopathogenesis and Pathology; Etiopathogenesis, Morphology, Lab Diagnosis
3. Ca Breast: Classify, Risk factors, Invasive Ductal Carcinoma

CHAPTER 8 ENDOCRINE SYSTEM AND PANCREAS**SAQ**

1. Hashimoto's Thyroiditis: Gross and Microscopy and complications
2. Glycosylated Haemoglobin

LAQ

1. Diabetes Mellitus: Interpretation and method of OGTT; Lab Diagnosis; Renal Changes and Lab Diagnosis; Etiological Classification, Lab Diagnosis;

CHAPTER 9 SKIN**SAQ**

1. Squamous Cell Carcinoma: Sites;
2. Melanoma
3. Disorders of Melanin Pigmentation

LAQ

1. Squamous Cell Carcinoma: Enumerate malignant neoplasms of the skin, Gross and Microscopy, Route of Spread, Method of early detection

CHAPTER 10 SKELETAL SYSTEM**SAQ**

1. Osteoclastoma: Gross and Microscopy
2. Osteosarcoma: Gross and Microscopy

LAQ

1. Osteosarcoma: Bone tumours below 30 years, sites, radiological appearance..., Gross and Microscopy and behaviour; Classify bone tumours
2. Osteomyelitis: Gross and Microscopy, Clinical Cause

CHAPTER 11 CENTRAL NERVOUS SYSTEM**SAQ**

1. CSF Findings in TB Meningitis, Pyogenic Meningitis
2. Gliomas: Histological types
3. Meningioma: Gross and Microscopy

LAQ

1. Sites of CSF Collection, indications, differentiate between types of meningitis

CHAPTER 12 OTHERS**SAQ**

1. Sex chromatin

LAQ

4. Tuberculosis