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**Internal Diseases part II EXAMINATION Syllabus**

**Endocrinology**

1. 1.Diabetes mellitus-etiology , patogenesis, classification
2. 2.Diabetes mellitus- type 1 and 2
3. 3.Diabetes mellitus –complications
4. 4.Diabetic ketoacidosis-pathogenesis, symptoms, differential diagnosis, treatment.
5. 5.Hypoglycaemia
6. 6.Treament of type 1 diabetes mellitus
7. Treatment of type 2 diabetes mellitus
8. Diabetes insipidus
9. Tumors of the pituitary gland
10. Hypopituitarism
11. 11.Thyreotoxicosis-classification, etiology, patogenesis
12. 12.Thyreotoxicosis- symptoms, diagnosis, treatment
13. Thyroiditis
14. Hypothyroidism
15. Hypoparathyroididsm
16. Hyperparathyroidism
17. Hypercorticism
18. Hypocorticism
19. 19.Pheochromocytoma
20. 20.Osteoporosis - etiology, patogenesis, symptoms, treatment

**Nephrology**

1. Nephrotic syndrome.
2. Glomerulonephrites. Classification. Clinical manifestation.
3. Glomerulonephrites. Diagnosis. Principles of treatment.
4. Kidney in systemic disease: Amyloidosis; Hyperuricemic syndrome.
5. Kidney in systemic disease: Lupus nephritis.
6. Diabetic nephropathy.
7. Polycystic kidney disease.
8. Nephrolithiasis. Obstructive uropathy.
9. Urinary tract infections.
10. Acute renal failure (Acute renal injury).
11. Chronic renal failure (Chronic kidney disease).
12. Renal replacement therapy.
13. Acid-base, fluid, and electrolyte disorders.
14. Urinary tract neoplasia

Hematology

1. Iron deficiency anemia
2. Secondary anemias
3. Megaloblastic anemia
4. Hereditary hemolytic anemias
5. Autoimmune hemolytic anemia
6. Acquired aplastic anemia
7. Myelodysplastic syndromes
8. Acute leukemias
9. Chronic myeloproliferative diseases (polycythemia *osteomyelofibrosis*, essential thrombocythemia)
10. Chronic myeloid leukemia
11. Non-hodgkin lymphomas
12. Hodgkin disease
13. *Chronic lymphocytic leukemia (cll*)
14. *Multiple myeloma*
15. Immune thrombocytopenia
16. Thrombosis and antithrombotic therapy
17. Hemophilia a
18. Henoch-shonlein purpura
19. Disseminated intravascular coagulation

**Gastroenterology**

1. Diseases of the oesphagus. Gastroesophageal Reflux Disease.
2. Chronic gastritis. Infection with Helicobacter pylori.
3. Peptic ulcer disease.
4. Gastric cancer.
5. Malabsorption syndrome. Gluten enteropathy.
6. Inflammatory bowel diseases – Ulcerative colitis and Crohn’s disease.
7. Colon cancer.
8. Chronic viral hepatitis.
9. Chronic non-viral hepatitis.
10. Liver cirrhosis – etiology, clinical symptoms, diagnostics, treatment.
11. Biliary cirrhosis.
12. Complications of liver cirrhosis – portal hypertension, spontaneous bacterial peritonitis, encephalopathy, malignant transformation. Treatment.
13. Cholelithiasis. Cholecystitis.
14. Tumours of the liver and the biliary tract.
15. Jaundice – types, mechanism of formation and differential diagnosis.
16. Cholestasis.
17. Pancreatitis.
18. Cancer of the pancreas.
19. Acute hemorrhage from the GI tract – diagnostic approach and treatment.
20. Gastrointestinal manifestations in AIDS.