

# **Questions for State Examination in Internal Medicine**

*Version 2024*

1. **Ischaemic heart disease. Acute myocardial infarction  
Diseases of adenohypophysis, hyperfunction syndromes  
Differential diagnosis of fever**
2. **Pleural disorders  
Diseases of adenohypophysis, hypopituitarism  
Differential diagnosis of anaemia**
3. **Myocarditis  
Hematopoietic stem cell transplantation, autologous, allogeneic  
Differential diagnosis of cyanosis**
4. **Infectious endocarditis  
Diseases of thyroid gland. Goiter  
Differential diagnosis of dyspnea**
5. **Acquired valvular heart disorders. Aortic stenosis  
Hyperthyreosis  
Differential diagnosis of abdominal pain**
6. **Cardiomyopathy, dilated, hypertrophic and restrictive  
Adrenocortical failure. Addisons disease  
Differential diagnosis of diarrhea**
7. **Ventricular arrhythmias  
Diabetes mellitus treatment  
Differential diagnosis of edema**
8. **Hypothyreosis  
Protein-energy malnutrition. Cachexia. Weight loss  
Differential diagnosis of cough and hemoptysis**
9. **Supraventricular arrhythmias  
Diabetes mellitus type I + II, pancreatogenic, gestational  
Hemotherapy. Transfusion therapy**
10. **Acute heart failure  
Adrenocortical hyperfunction. Pheochromocytoma  
Differential diagnosis of lymphadenopathy**
11. **Chronic heart failure  
Hypercalcaemia. Hyperparathyreosis  
Differential diagnosis of jaundice (icterus)**
12. **Diseases of veins. Deep vein thrombosis  
Leukemia, acute and chronic  
Differential diagnosis of hypotension**
13. **Inflammatory bowel disease. Crohn´s disease. Ulcerative colitis  
Acquired bleeding disorders. Disseminated intravascular coagulopathy  
Differential diagnosis of urinalysis**
14. **Systemic arterial hypertension, essential hypertension  
Cystic fibrosis  
Anticoagulation, thrombolytic and antithrombotic therapy**

15. **Disorders of arteries. Aortic aneurysm  
Malabsorption syndromes  
Differential diagnosis of pleural effusion**
16. **Peptic ulcer disease. Gastric and duodenal ulcer  
Geriatric syndromes. Sarcopenia. Polymorbidity in elderly  
Differential diagnosis of chest pain**
17. **Functional disorders of gastrointestinal tract  
Malignant lymphoma. Lymphoproliferative diseases  
Differential diagnosis of convulsions**
18. **Pancreatic disorders. Pancreatic cancer  
Hemolytic anaemias. Pernicious anaemia  
Differential diagnosis of syncope**
19. **Liver cirrhosis, liver failure, portal hypertension  
Gastrointestinal tumors  
Differential diagnosis of back pain**
20. **Multiple myeloma. Monoclonal gammopathy  
Investigation methods of respiratory system  
Differential diagnosis of appetite loss**
21. **Disorders of biliary tract. Cholecystitis. Cholelithiasis  
Mediastinal syndrome  
Acid base balance. Acidosis, alkalosis**
22. **Pulmonary embolism  
Iron deficiency anaemia  
Differential diagnosis of elevated inflammatory markers**
23. **Acute intoxication. Drug intoxication  
Late complications of diabetes mellitus  
Treatment of chronic pain. Neuropathic pain**
24. **Acute kidney injury, renal failure  
Tuberculosis. Mycobacterioses  
Differential diagnosis of weight loss**
25. **Circulatory shock  
Enteral nutrition  
Differential diagnosis of thrombocytopenia**
26. **Sepsis. Diagnosis and treatment  
Parenteral nutrition  
Differential diagnosis of epigastric pain**
27. **Colorectal cancer  
Aplastic anaemia. Myelodysplastic syndrome  
Differential diagnosis of ascites**
28. **Nephrolithiasis. Acute tubulointerstitial nephritis  
Obesity. Metabolic syndrome. Dyslipidaemia  
Supportive care in cancer**
29. **Asthma bronchiale  
Thrombocytopenic purpura, idiopathic (ITP) and thrombotic (TTP)  
Differential diagnosis of cephalgia**

30. Allergy. Anaphylaxis  
Lung cancer  
Differential diagnosis of anuria
31. Secondary hypertension  
Pneumonia, nosocomial and community-acquired  
Differential diagnosis of hematuria
32. Organ transplantation. Renal and heart transplantation  
Investigation methods in gastroenterology  
Differential diagnosis of bradycardia
33. Cardiovascular pharmacotherapy  
Chronic renal failure. Hemodialysis. Peritoneal dialysis  
Differential diagnosis of leukocytosis
34. Osteoarthritis. Osteoporosis  
Oesophageal disorders. Oesophageal cancer  
Differential diagnosis of tachycardia
35. Chronic cor pulmonale. Pulmonary hypertension  
Inherited bleeding disorders. Hemophilia, von Willebrand disease  
Differential diagnosis of vertigo
36. Renal cancer. Urothelial cancer. Prostate cancer  
Acute complications of diabetes mellitus  
Differential diagnosis of coma
37. Chronic forms of coronary artery disease  
Myeloproliferative diseases  
Differential diagnosis of polyuria
38. Connective tissue diseases. Systemic lupus erythematoses  
Chronic obstructive pulmonary disease  
Differential diagnosis of gastrointestinal bleeding
39. Sarcoidosis. Interstitial pulmonary fibrosis  
Infections in immunocompromised host. Fungal infections  
Differential diagnosis of hepatomegaly and splenomegaly
40. Acquired immune deficiency syndrome  
Paraneoplastic syndromes  
Differential diagnosis of constipation
41. Glomerulonephritis, acute and chronic, rapidly progressive GN  
Anticancer treatment. Targeted anticancer therapy  
Pericardial disorders
42. Rheumatoid arthritis, Gout (arthritis urica). Reactive arthritis  
Coeliac disease  
Differential diagnosis of pancytopenia