

# QUESTIONS FOR ORAL EXAM IN INTERNAL MEDICINE

5<sup>th</sup> class, general medicine

## Part A

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1. Cardiopulmocerebral resuscitation in internal medicine
2. Shock: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
3. Cyanosis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
4. Dyspnoe: etiopathogenesis, clinical picture, diagnosis, differential diagnosis
5. Cough, hemoptysis, hemoptoe : etiopathogenesis, clinical picture, diagnosis, differential diagnosis
6. Thoracic pain: etiopathogenesis, clinical picture, diagnosis, differential diagnosis
7. Edemas: etiopathogenesis, clinical picture, diagnosis, differential diagnosis
8. Obesity and metabolic syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
9. Cachexia: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
10. Hematemesis, melena, enterorrhagia : etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
11. Diarrhoe: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
12. Constipation: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
13. Icterus: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
14. Hepatomegaly: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
15. Splenomegaly: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
16. Lymphadenopathy: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
17. Anemia: basic classification, pathophysiology, clinical picture, differential diagnosis
18. Abdominal pain: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
19. Coma: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
20. Short-term loss of consciousness: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
21. Sepsis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
22. Fever: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
23. Disorders of water metabolism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
24. Disorders of mineral metabolism
25. Acid-base disorders
26. Examination methods in hematology
27. Examination methods in nephrology
28. Examination methods in hepatology
29. Examination methods in cardiology
30. Examination methods in gastroenterology
31. Examination methods in pneumology
32. Examination methods in endocrinology
33. Examination methods in rheumatology

34. Treatment with steroids – indications, contraindications, side effects
35. Antibiotic treatment – indications, efficacy, complications, prophylaxis and treatment with antibiotics

## **Part B**

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36. Functional disorders of gastrointestinal tract: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
37. Disorders of the esophagus: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
38. Gastritis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
39. Peptic ulcer: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
40. Neoplasms of stomach: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
41. Chronic hepatitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
42. Cirrhosis of the liver: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
43. Diffuse hepatopathies (except cirrhosis): etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
44. Viral hepatitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
45. Liver failure: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
46. Portal hypertension: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
47. Tumors of liver and biliary tract: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
48. Cholecystitis and cholangitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
49. Cholelithiasis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
50. Acute pancreatitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
51. Chronic pancreatitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
52. Tumors of pancreas: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
53. Inflammatory bowel disease: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
54. Colorectal tumors: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
55. Malabsorption syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
56. Toxic liver injury: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
57. Acute left ventricle failure: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment

58. Chronic heart failure: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
59. Aortic valve disorders: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
60. Mitral valve disorders: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
61. Coronary ischemic heart disease (except myocardial infarction): etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
62. Myocardial infarction: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
63. Endocarditis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
64. Myocarditis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
65. Pericarditis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
66. Arrhythmias – conduction disturbances: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
67. Arrhythmias – disorders of sinus node function and tachyarrhythmias (except atrial fibrillation)
68. Atrial fibrillation: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
69. Essential hypertension: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
70. Secondary arterial hypertension: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
71. Cardiomyopathies: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
72. Thromboembolic disease: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
73. Thrombophlebitis, phlebothrombosis. Postthrombophlebitic syndrome.
74. Atherosclerosis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
75. Diseases of the aorta: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
76. Arterial diseases of extremities: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
77. Vasculopathies and vasculitides: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
78. Treatment of heart insufficiency
79. Treatment and prevention of arterial hypertension
80. Treatment of dysrhythmias
81. Respiratory insufficiency: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
82. Acute respiratory distress syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
83. Cor pulmonale chronicum. Pulmonary hypertension: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
84. Asthma bronchiale: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment

85. Acute inflammation of respiratory tract: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
86. Chronic obstructive pulmonary disease: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
87. Bronchiectasis. Pulmonary abscess and gangrena.
88. Pneumonitis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
89. Pleural syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
90. Pneumothorax: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
91. Tumors of respiratory tract: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment

## **Part C**

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92. Hirsutism and virilisation: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
93. Diabetes insipidus: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
94. Endocrine active tumors of pituitary gland: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
95. Hypopituitarism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
96. Thyrotoxicosis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
97. Hypothyroidism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
98. Thyroiditis and tumors of thyroid gland: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
99. Hypoparathyroidism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
100. Hyperparathyroidism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
101. Tumors of adrenal cortex: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
102. Tumors of adrenal medulla: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
103. Hypocorticism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
104. Dyslipoproteinemias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
105. Type 1 diabetes mellitus – epidemiology, etiopathogenesis, diagnosis, treatment
106. Type 2 diabetes mellitus – epidemiology, etiopathogenesis, diagnosis, treatment
107. Diabetes mellitus – acute complications
108. Chronic complications of diabetes mellitus: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
109. Hyperuricemia and gout: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment

110. Porphyrias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
111. Cushing disease and syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
112. Osteoporosis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
113. Rheumatoid arthritis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
114. Diffuse connective tissue diseases: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
115. Rheumatic fever: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
116. Precancerosis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
117. Hemolytic anemias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
118. Anemias with disturbed iron metabolism: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
119. Megaloblastic anemias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
120. Anemias of chronic diseases: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
121. Bone marrow failure. Bone marrow transplantation.
122. Polycythemia, polyglobulia: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
123. Myeloproliferative diseases: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
124. Acute leukemias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
125. Chronic leukemias: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
126. Lymphomas: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
127. Multiple myelomas: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
128. Platelets disorders: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
129. Disorders of coagulation: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
130. Thrombophilic disorders: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
131. Blood groups. Blood transfusion (indications, contraindications, assurance of compatibility, technic of transfusion, complications).
132. Acute renal insufficiency: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
133. Chronic renal insufficiency: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
134. Nephrotic syndrome: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment

135. Acute glomerulonephritis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
136. Chronic glomerulonephritis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
137. Tubulointerstitial nephritis: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
138. Pyelonephritis. Infections of lower urinary tract: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment
139. Kidney tumors: etiopathogenesis, clinical picture, diagnosis, differential diagnosis, treatment. Glomerulopathies in systemic diseases (diabetic nephropathy, lupus nephritis, vasculitis, amyloidosis)