CONSPECTUS OF INTERNAL MEDICINE

# STATE EXAMINATION

1. Chronic obstructive pulmonary disease – etiology, pathogenesis, symptoms and signs.
2. Chronic obstructive pulmonary disease – diagnosis and complications.
3. Chronic obstructive pulmonary disease – treatment.
4. Chronic respiratory failure – etiology, pathogenesis, clinical syndromes.
5. Chronic respiratory failure – complications and treatment.
6. Bronchial asthma – etiology, pathogenesis, clinical course.
7. Bronchial asthma – complications, diagnosis.
8. Bronchial asthma – stepwise treatment approach.
9. Asthmatic attack – severity, clinical course, complications.
10. Asthmatic attack – treatment.
11. Lung cancer – classification, diagnosis.
12. Lung cancer – staging, complications.
13. Lung cancer – treatment.
14. Community acquired pneumonia – etiology, pathogenesis, symptoms and signs.
15. Community acquired pneumonia – burden and complications.
16. Community acquired pneumonia – treatment.
17. Nosocomial pneumonia – etiology, pathogenesis, symptoms and signs.
18. Nosocomial pneumonia – complications and treatment.
19. Atypical pneumonia – etiology, symptoms and signs.
20. Atypical pneumonia – treatment.
21. Pulmonary abscess – etiology, diagnosis.
22. Pulmonary abscess – symptoms and signs, and treatment.
23. Necrotizing pneumonia – etiology, symptoms and signs.
24. Necrotizing pneumonia – diagnosis and treatment.
25. Pulmonary thromboembolism – risk factors, diagnosis.
26. Pulmonary thromboembolism – symptoms and signs, prevention.
27. Pulmonary thromboembolism – treatment.
28. Pleural effusions – etiology, transudates, exudates.
29. Pleural diseases – diagnosis and treatment.
30. Pulmonary tuberculosis – etiology, diagnosis.
31. Pulmonary tuberculosis – primary and secondary.
32. Latent pulmonary tuberculosis.
33. Pulmonary tuberculosis – treatment.
34. Acute respiratory distress syndrome – etiology, clinical picture.
35. Acute respiratory distress syndrome – diagnosis and treatment.
36. Obstructive sleep apnea – diagnosis, treatment.
37. Obesity hypoventilation syndrome – diagnosis, treatment.
38. Idiopathic pulmonary fibrosis – diagnosis, treatment.
39. Sarcoidosis – diagnosis and treatment.
40. Physiology and pathophysiology of the cardiovascular system.
41. Electrophysiology of the action potential.
42. Rhythm disorders – electrogenesis, pharmacological treatment, methods of investigation.
43. Supraventricular cardiac arrhythmias: classification, clinical features, diagnosis, treatment.
44. Ventricular cardiac arrhythmias: classification, clinical features, diagnosis, treatment.
45. Conduction disorders. Indications for pacemaker implantation.
46. Chronic Heart Failure: etiology, pathogenesis, circulatory disturbances, classification, clinical features, diagnosis, treatment.
47. Cardiogenic shock.
48. Syncope.
49. Sudden cardiac death and cardiac arrest.
50. Arterial hypertension: classification, etiology, pathogenesis.
51. Arterial hypertension: clinical features, diagnosis, differential diagnosis.
52. Arterial hypertension – treatment.
53. Atherosclerosis – risk factors, pathogenesis, clinical features, prophylaxis.
54. Acute coronary syndrome – classification, etiology, pathogenesis and pathophysiology.
55. Acute coronary syndrome – clinical features, diagnosis, differential diagnosis.
56. Acute coronary syndrome without ST elevation.
57. Acute coronary syndrome with ST elevation.
58. Rheumatism. Rheumocarditis.
59. Mitral valve stenosis.
60. Mitral valve insufficiency.
61. Aortic stenosis.
62. Aortic insufficiency.
63. Tricuspid stenosis and insufficiency.
64. Myocarditis.
65. Cardiomyopathies.
66. Pericarditis.
67. Infectious endocarditis.
68. Pulmonary thromboembolism.
69. Chronic cor pulmonale.
70. Congenital heart disease in adults.
71. Aortic dissection.
72. Achalasia and gastroesophageal reflux disease.
73. Chronic gastritis.
74. Ulcer disease – etiology, pathogenesis, clinical presentation, diagnosis.
75. Ulcer disease – pathogenesis, treatment.
76. Gastric cancer.
77. Ulcerative colitis.
78. Carcinoma of the colon.
79. Chronic B, D and C virus hepatitis.
80. Chronic autoimmune hepatitis.
81. Liver cirrhosis – classification, etiology, clinical presentation, treatment.
82. Ascites – pathogenesis and treatment.
83. Portal hypertension – classification, complications, treatment.
84. Hepatic encephalopathy – acute and chronic.
85. Primary biliary cirrhosis.
86. Hemochromatosis. Wilson’s disease.
87. Hepatocellular carcinoma.
88. Cholelithiasis.
89. Acute pancreatitis.
90. Chronic pancreatitis.
91. Pancreatic cancer.
92. Differential diagnosis of the jaundice.
93. Iron-deficiency anemias.
94. Pernicious anemia.
95. Microspherocytic anemia. Enzymopathies.
96. Thalassemias. Hemoglobinosis’.
97. Autoimmune hemolytic anemias.
98. Myelodysplastic syndromes.
99. Acute leukemia.
100. Chronic myeloid leukemia.
101. Idiopathic myelofibrosis, polycythemia vera, essential thrombocythemia.
102. Chronic lymphocytic leukemia.
103. Multiple myeloma.
104. Hodgkin’s disease.
105. Non Hodgkin’s lymphomas.
106. Hemophilia’s.
107. Immune thrombocytopenia.
108. Henoch-Schönlein’s disease.
109. Disseminated intravascular coagulation.
110. Diagnostic methods of renal diseases.
111. Acute glomerulonephritis.
112. Chronic glomerulonephritis – etiology, pathogenesis, classi-fication.
113. Chronic glomerulonephritis – clinical manifestation, diagnosis, treatment.
114. Acute pyelonephritis.
115. Chronic pyelonephritis.
116. Diabetic nephropathy.
117. Lupus nephropathy.
118. Amyloid nephropathy.
119. Uric acid nephropathy.
120. Pregnancy-induced nephropathy.
121. Myeloma cast nephropathy.
122. Polycystic kidney disease.
123. Nephrolithiasis.
124. Acute renal failure.
125. Chronic renal failure – etiology, pathogenesis, classification, clinical manifestation.
126. Chronic renal failure – diagnosis, nondialysis and dialysis treatment.
127. Acromegaly.
128. Hypopituitarism.
129. Diabetes insipidus.
130. Tumors of pituitary gland. Prolactinomas.
131. Hypothyroidism. Endemic goitre.
132. Hypothyroidism. Sporadic goitre.
133. Hyperthyroidism.
134. Inflamatory diseases of thyroid gland. Thyroidites.
135. Primary hyperparathyreoidism and other causes of hypercalcemia.
136. Primary hypoparathyreoidism and other causes of hypocalcemia.
137. Suprarenal (adrenal) insufficiency.
138. Cushing‘s syndrome.
139. Pheochromocytoma.
140. Diabetes mellitus – etiology, pathogenesis, clinical forms and diagnosis.
141. Diabetes mellitus – treatment.
142. Diabetes mellitus – chronic complications.
143. Diabetes mellitus – acute complications.
144. Obesity.
145. Inflammatory joint diseases. Rheumatoid arthritis.
146. Inflammatory joint diseases. Juvenile rheumatoid arthritis
147. Ankylosing spondylitis (Bechterew’s disease).
148. Psoriatic arthritis.
149. Reactive arthropathies. Reiter’s syndrome.
150. Connective tissue diseases. Lupus erythematoides.
151. Connective tissue diseases. Systemic sclerosis (Sclerodermia).
152. Connective tissue diseases. Dermatomyositis and polymyositis
153. Crystal arthropathies. Gout.
154. Degenerative joint diseases. Osteoarthrosis.
155. Degenerative joint diseases. Osteoporosis.

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