



**IP UNIVERSITATEA DE STAT DE MEDICINĂ ȘI FARMACIE  
NICOLAE TESTEMIȚANU**

**FACULTATEA MEDICINĂ nr. 1  
CATEDRA DE ANATOMIE A OMULUI**



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**List of questions on practical skills test in Human Anatomy,  
the II-nd semester, faculty of Medicine**

***CENTRAL NERVOUS SYSTEM***

**Demonstrate:**

1. The portions of the spinal cord
2. The external structure of the spinal cord
3. The columns of the spinal cord
4. The ventral and dorsal roots of the spinal nerves.
5. The cauda equina.
6. The spinal ganglia.
7. The segments of the spinal cord.
8. The skeletotopy of the spinal cord.
9. The derivatives of the primary and secondary cerebral vesicles.
10. The divisions of the brain, the brain stem.
11. The rhombencephalon.
12. The myelencephalon.
13. The external structure of the myelencephalon.
14. The Varoli's pons, its limits
15. The cerebellum, its parts
16. The peduncles of the cerebellum.
17. Rhomboid fossa, its limits.
18. The structural elements of the rhomboid fossa.
19. The isthmus of the rhombencephalon.
20. The midbrain.
21. The tectal lamina, its components.
22. The peduncles of the brain.
23. The interpeduncular fossa
24. The posterior perforated substance.
25. The nuclei of the midbrain.
26. The aqueduct of the brain.
27. The betweenbrain /the diencephalon/, its portions.
28. The thalamencephalon.
29. The epithalamus.
30. The pineal body /epiphysis/.
31. The metathalamus.
32. The hypothalamus.
33. The mamillary bodies.
34. The optic chiasma.
35. The hypophysis /the pituitary gland/.
36. The poles and lobes of the brain.
37. The insula.
38. The sulci of the dorso-lateral surface of the brain hemisphera
39. The gyri and sulci of the frontal lobe of the brain.
40. The gyrus rectus.
41. Sulci and gyri of the temporal lobe of the brain.
42. Sulci and gyri of the parietal lobe of the brain.

43. Sulci and gyri of the occipital lobe of the brain.
44. Sulci of the medial surface of the brain hemisphaera
45. Gyri of the lower surface of the brain hemisphaera.
46. The paracentral lobule.
47. The uncus.
48. The fornicate gyrus.
49. The limbic system.
50. The peripheral part of the limbic system.
51. The anterior perforated substance.
52. Components of the limbic system.
53. The grey and white substances of the hemisphere.
54. The basal nuclei of the hemisphaera.
55. The internal capsule, its divisions.
56. The corpus callosum, its parts.
57. The fornix, its portions..
58. The septum lucidum.
59. The anterior and posterior brain commissurae
60. The brain ventricles.
61. The fourth ventricle.
62. The walls of the fourth ventricle.
63. The communications of the fourth ventricle.
64. The third ventricle.
65. The walls of the III ventricle.
66. The communications of the third ventricle.
67. The lateral ventricles.
68. The portions of the lateral cerebral ventricles.
69. The walls of the lateral cerebral ventricles.
70. The communications of the lateral ventricles.
71. The spinal meninges.
72. The cerebral meninges.
73. The cerebral dura mater.
74. The derivatives of the cerebral dura mater.
75. The falx cerebri.
76. The sinuses of the dura matter.
77. The subarachnoid cisternae.
78. The arterial circle of the brain.

**Demonstrate:**  
**REGION OF THE HEAD AND NECK**

1. Coats of the eyeball
2. Striated muscles of the eye
3. Optic nerve
4. Divisions of the bony labyrinth
5. Vestibulocochlear nerve
6. Trigeminal nerve
7. Ophthalmic nerve, its visible branches
8. Mandibular nerve, its branches
9. Lingual nerve
10. Facial nerve
11. Branches of the facial nerve
12. Parotid plexus
13. Connections of the facial nerve
14. Neurovascular packet of the neck
15. Vagus nerve
16. Cervical ganglions of the sympathetic chain
17. Hypoglossal nerve

18. Accessory nerve
19. Cervical plexus
20. Phrenic nerve
21. Cutaneous branches of the cervical plexus
22. Cervical loop
23. Deep cervical and subclavian loops
24. Nervous connections of the regions of the head and neck
25. Common carotid artery, its branches
26. Sinocarotid reflexogenic zone
27. Internal carotid artery
28. Arterial circle of the brain
29. Branches of the external carotid artery
30. Maxillary artery
31. Arteries of the facial region
32. Subclavian artery
33. Branches of the subclavian artery
34. Arteries of the thyroid gland
35. Regions of compression of the arteries at the region of the head and neck
36. Veins of the facial region
37. Superficial veins of the neck
38. Internal jugular vein
39. Subclavian vein
40. Brachiocephalic veins
41. Blood vessels and nerves at the region of the hiomandibular triangle
42. Blood vessels and nerves of the carotid triangle
43. Blood vessels and nerves of the larynx

#### **REGION OF THE THORACIC CAGE**

44. Anatomical position of the heart
45. Auricles of the heart
46. Chambers of the heart
47. Valves of the heart
48. Arteries of the heart
49. Veins of the heart
50. Skeletotopy of the heart
51. Projection of the cardiac valves on the anterior thoracic wall.
52. Regions of auscultation of the noise of the heart
53. Blood vessels which start from the ventricles of the heart
54. Blood vessels opened into the atria of the heart
55. Aorta, its branches
56. Ascending aorta, its branches
57. Aortic arch, its branches
58. Branches of the descending thoracic aorta
59. Pulmonary trunk, its branches
60. Sinuses of the pericardium
61. Superior vena cava
62. Inferior vena cava
63. Blood vessels and nerves of the mediastinum /anterior, middle, posterior/
64. Internal thoracic artery, its branches
65. Phrenic nerve
66. Veins of the posterior mediastinum
67. Azygos and accessory hemiazygos veins, their tributaries
68. Vagus nerve
69. Thoracic part of the sympathetic chain
70. Greater and lesser splanchnic nerves
71. Intercostal blood vessels and nerves

72. Esophageous plexus
73. Pulmonary plexus
74. Thoracic lymph duct

### **ABDOMINAL CAVITY**

75. Branches of the abdominal aorta
76. Bifurcation of the aorta
77. Parietal branches of the abdominal aorta
78. Visceral branches of the abdominal aorta
79. Branches of the celiac trunk
80. Superior mesenteric artery, its branches
81. Inferior mesenteric artery, its branches
82. Arteries of the stomach
83. Arteries of the small intestine
84. Arteries of the large intestine
85. Arteries of the suprarenal gland
86. Portal vein
87. Tributaries of the portal vein
88. Inferior vena cava
89. Tributaries of the inferior vena cava
90. Parietal tributaries of the inferior vena cava
91. Visceral tributaries of the inferior vena cava
92. Hepatic veins
93. Elements of the hilum of the liver and hepatoduodenal ligament
94. Lienal vessels
95. Renal veins
96. Testicular /ovarian/ artery
97. Branches of the lumbar plexus
98. Lumbar part of the sympathetic chain

### **PELVIC CAVITY**

100. Iliac vessels
101. Branches of the internal iliac artery
102. Branches of the external iliac artery
103. Iliac veins
104. Blood vessels and nerves passing through the suprapiriform foramen
105. Blood vessels and nerves passing through the infrapiriform foramen
106. Contents of the obturator canal
107. Obturator nerve
108. Femoral nerve
109. Sacral plexus, its branches
110. Vegetative plexuses and ganglia of the pelvic cavity

### **UPPER LIMBS**

111. Axillary artery
112. Branches of the axillary artery
113. Blood vessels of the region of the arm
114. Arteries of the forearm
115. Arteries of the elbow net /rete cubity/
116. Radial artery
117. Palmar arteries, their branches
118. Regions of compression of the arteries of the upper limb
119. Axillary vein
120. Superficial veins of the upper limb
121. Short branches of the brachial plexus
122. Axillary nerve
123. Long branches of the brachial plexus

124. Radial nerve
125. Median nerve
126. Ulnar nerve
127. Musculocutaneous nerve
128. Blood vessels and nerves of the arm
129. Cutaneous nerves of the arm
130. Humeromuscular canal, its contents
131. Intercostobrachial nerves
132. Nerves of the region of the forearm
133. Blood vessels and nerves of the ulnar groove
134. Cutaneous nerves of the forearm
135. Nerves of the hand

## **LOWER LIMBS**

136. Femoral artery
137. Branches of the femoral artery
138. Deep femoral artery, its branches
139. Popliteal artery, its branches
140. Arteries of the region of the leg
141. Anterior and posterior tibial arteries
142. Peroneal artery, its branches
143. Blood vessels which form arterial net of the knee
144. Arteries of the foot
145. Dorsal artery of the foot, its branches
146. Arterial arches of the foot
147. Regions of compression of the arteries of the lower limbs
148. Regions where can be touched pulse of the arteries of the foot
149. Femoral vein
150. Superficial veins of the lower limbs
151. Veins of the foot
152. Dorsal venous net of the foot
153. Nerves of the region of the thigh
154. Femoral nerve
155. Schiatic nerve
156. Cutaneous nerves of the buttocks
157. Cutaneous nerves of the thigh
158. Nerves of the leg
159. Cutaneous nerves of the leg
160. Tibial nerve, its branches
161. Common peroneal nerve, its branches
162. Superficial peroneal nerve, its branches
163. Deep peroneal nerve
164. Saphenus nerve
165. Cutaneous nerves of the foot
166. Dorsal nerves of the foot
167. Plantar nerves of the foot
168. Blood vessels and nerves which pass through the suprapiriform foramen
169. Blood vessels and nerves which pass through the infrapiriform foramen
170. Blood vessels and nerves of the femoral triangle
171. Blood vessels and nerves of the vastoadductorius canal
172. Blood vessels and nerves of the popliteal fossa
173. Anatomical structures of the cruropopliteal canal
174. Plantar grooves, their contents
175. Anatomical structures of the Pirogov's canal