

Questions for Module “Peripheral nervous system”

1. Describe the pathway of olfactory analyzer.
2. Describe the pathway of visual analyzer.
3. Describe the pathway of auditory analyzer.
4. Describe the pathway of vestibular analyzer.
5. Describe the pathway and area of innervation of cranial nerve III.
6. What cranial nerves provide somatic efferent innervation of eye muscles? Describe the innervation of superior oblique muscle.
7. What cranial nerves provide somatic efferent innervation of eye muscles? Describe the innervation of lateral rectus muscle.
8. Describe the innervation of anterior 2/3 of the tongue – pathway of taste sensitivity.
9. Describe the innervation of anterior 2/3 of the tongue – pathway of general sensitivity.
10. Describe the innervation of intrinsic and skeletal muscles of the tongue.
11. Describe the innervation of posterior 1/3 of the tongue – pathway of taste and general sensitivity.
12. Describe the formation of cranial nerve V.
13. Describe general afferent innervation of oral and nasal cavities.
14. Describe the pathway of somatic motor fibers of trigeminal nerve. What do they innervate?
15. Describe the formation of cranial nerve VII. Somatic efferent innervation of CN VII.
16. Describe the formation of cranial nerve XI. Somatic efferent innervation of CN XI.
17. Describe (draw) the sketch of spinal nerve formation. Name and describe the branches of the spinal nerve.
18. Formation of cervical plexus? Show trunks and branches of cervical plexus.
19. Formation of brachial plexus? Show trunks and branches of brachial plexus.
20. Spinal nerves of thoracic region, formation of branches. Show the branches and name areas of innervation.
21. Formation of lumbar plexus? Show trunks and branches of lumbar plexus.
22. Formation of sacral plexus? Show trunks and branches of sacral plexus.
23. Formation of posterior branches of spinal nerves. Topography, branches and area of innervation.
24. Describe anatomy of sympathetic part of vegetative nervous system.
25. Sympathetic innervation of the organs. Describe the scheme.
26. Describe sympathetic innervation of organs of head.
27. Describe innervation of larynx.
28. What cranial nerves provide innervation of pharynx? Somatic efferent innervation of pharyngeal muscles.
29. Describe innervation of esophagus.
30. Innervation of organs placed in thoracic cavity (for example, heart)? Describe the formation and nature of splanchnic nerves.
31. Innervation of organs placed in thoracic cavity (for example, bronchi and lungs)? Describe the formation and nature of splanchnic nerves.
32. Innervation of organs placed in superior part of the abdominal cavity (for example, stomach). Describe the formation and nature of splanchnic nerves.
33. Innervation of organs placed in superior part of the abdominal cavity (for example, liver). Describe the formation and nature of splanchnic nerves.
34. Innervation of organs placed retroperitoneum (for example, pancreas)? Describe the formation and nature of splanchnic nerves.
35. Innervation of organs placed in abdominal cavity (for example, jejunum). Describe the formation and nature of splanchnic nerves.
36. Innervation of caecum and appendix. Describe the formation of splanchnic nerves.

37. Innervation of organs placed in abdominal cavity (for example, sigmoid colon). Describe the formation and nature of splanchnic nerves.
38. Innervation of organs placed retroperitoneum (for example, kidney)? Describe the formation and nature of splanchnic nerves.
39. Innervation of organs placed in lesser pelvis (for example, rectum). Describe the formation and nature of splanchnic nerves.
40. Innervation of organs placed in lesser pelvis (for example, urinary bladder). Describe the formation and nature of splanchnic nerves.