

## NERVOUS SYSTEM

1. Spinal nerve, dorsal branches of the spinal nerves, intercostal nerves
2. Cervical plexus, its main branches and areas of innervation
3. Brachial plexus, musculocutaneous nerve – course and areas innervated
4. Brachial plexus, median nerve – course and areas innervated
5. Brachial plexus, ulnar nerve– course and areas innervated
6. Brachial plexus, radial nerve – course and areas innervated
7. Brachial plexus, axillary nerve– course and areas innervated
8. Lumbar plexus, iliohypogastric, ilioinguinal, genitofemoral nerve, their course and areas innervated
9. Lumbar plexus, femoral nerve, obturator nerve, their course and areas innervated
10. Sacral plexus, superior and inferior gluteal nerves, posterior cutaneous nerve of the thigh ,their areas innervated
11. Sacral plexus, sciatic nerve, its course and areas innervated (excluding its main divisions)
12. Sacral plexus, tibial nerve, its course and areas innervated
13. Sacral plexus, common fibular nerve, its course and areas innervated
14. Sacral plexus, pudendal nerve, its course and its areas innervated
15. CN III, IV, VI, their course and areas innervated
16. CN V, ophthalmic nerve its course and areas innervated, ciliary ganglion,
17. CN V, main branches of the maxillary nerve, their course and areas innervated
18. Pterygopalatine ganglion, main branches and their areas innervated
19. CN V, maxillary nerve, submandibular ganglion, main branches, their course, and areas innervated

20. CN V, mandibular nerve, its main branches, their course and areas innervated
21. Otic ganglion, its main branches and their areas innervated
22. Submandibular ganglion, its main branches and their areas innervated
23. CN VII, ggl. geniculi, main branches, their course and areas innervated
24. CN IX, its main branches, their course, and areas innervated
25. CN X, its main branches, their course and areas innervated
26. CN XI and CN XII, their main branches, course, and areas innervated
27. Structure of the ANS, cervical part of the sympathetic division
28. Structure of ANS, abdominal et pelvic part of the sympathetic division
29. Structure of ANS, innervation of the heart
30. Sacral part of the parasympathetic division
31. Spinal cord, its gross anatomy and grey matter
32. Spinal cord, its gross anatomy and white matter
33. Medulla oblongata, its gross anatomy and grey matter
34. Medulla oblongata, its gross anatomy and white matter
35. Pons, its gross anatomy and grey matter
36. Pons, its gross anatomy and white matter
37. Mesencephalon, its gross anatomy and grey matter
38. Mesencephalon, its gross anatomy and white matter
39. Reticular formation of the brain stem, its general arrangement and function
40. Cerebellum, its gross anatomy and inner organization, function
41. Diencephalon, its gross anatomy, thalamus, structural and functional classification of its nuclei
42. Diencephalon, its gross anatomy, hypothalamus, nuclei of the anterior hypothalamus

43. Diencephalon, its gross anatomy, hypothalamus, nuclei of the middle and posterior hypothalamus
44. Secretory apparatus of the diencephalon, hypothalamo–hypophysial tract
45. Secretory apparatus of the diencephalon, structural background of the hypothalamo-hypophysial portal system
46. Telencephalon, gross anatomy of the hemispheres and cerebral cortex
47. Telencephalon, basal ganglia
48. Telencephalon, structures of the basal forebrain
49. White matter of the telencephalon, association, commissural and projection pathways
50. White matter of the telencephalon, internal capsule
51. Blood supply of the CNS, arteries, circle of Willis
52. Blood supply of the CNS, sinuses and main veins
53. Ventricles of the CNS
54. Cerebrospinal fluid, its production and circulation
55. Cranial and spinal dura mater
56. Arachnoid and pia mater
57. Organ of smell
58. Organ of vision, fibrous layer of the eyeball
59. Organ of vision, vascular layer of the eyeball
60. Organ of vision, inner layer of the eyeball
61. Contents of the eyeball, chambers of eyeball and aqueous humour, its production and circulation
62. Contents of the eyeball, lens, suspensory apparatus of the lens
63. Contents of the eyeball, vitreous body, blood supply of the eye
64. Extra-ocular muscles and their innervations
65. Eyelids and conjunctiva

66. Lacrimal apparatus
67. External ear and tympanic membrane
68. Tympanic cavity, its walls
69. Auditory ossicles and their connections
70. Tympanic cavity, its muscles, their function and innervation
71. Eustachian tube, mastoid antrum and cells
72. Osseous labyrinth
73. Membranous labyrinth
74. CN VIII