**For the Lab exam**

Nervous tissue, Neurophysiology, Brain and cranial nerves, Spinal cord, Human reflex physiology,

Special senses-eye, ear and smell.

Ch 17.Histology of the nervous tissue

Fig. 17.1, a to d Neuroglia

17.2, Structure of a motor neuron

17.6 or 7 classification of neuron on the basic function

17.7 or 8 Structure of a nerve showing connective tissue wrapping.

Questions

1,2,3,4, 6, 10, 11, 12, 13, 14.

Ch .18.Neurophysiology

Questions

1, 2, 3, 4

Ch 19.Gross anatomy of the Brain and cranial nerves

Fig. 19.2 External structure( lobes and fissures )of the cerebral hemispheres.

Fig.19. 2 B . Diancephalon and brain stem structures as in midsaggital section

19.7 Meninges of the brain

19.8 Location and circulatory pattern of csf

19.8 c. flow of csf

Cranial nerves I II III V VII VIII IX X

Names of the cranial nerves and their main functions.

Questions

Ex 19 .1, 2, 4, 5, 6, 8, 13, 14

Ch 21 Spinal cord

21.1, 21.2,

Questions

1, 4, 5, 6, 10

Ch 22. Human reflex physiology

Fig. 22.1, 22.2, 22.3, 22.6

Question

1, 2, 3, 4, 7, 8,

Ch 24. Special senses Lab.

Eye

Fig.24.1 External anatomy of the eye and accessory structures

Fig. 24.3 Internal anatomy of the eye Saggital section. Different parts of an eye and their functions.

Fig. 24.4. Microscopic anatomy of the cellular layers of the retina

Fig. 24. 12 The instrument and its use. Ophthalmoscope

Questions.

No 3, 5, 6,7,8,9, 10, 11, 12, 13, 19, and 31

Ear

25.1 Anatomy of the ear

25.2 Internal ear

1,2,3,14,18

Smell

Fig. 26.1