

Module II

Describe the basic architecture and schematic diagram of Limbic System

Describe Sham rage

Discuss the role of Amygdala and Cingulate Cortex in Emotion

Formation of papez circuit

Which parts of the brain are responsible for the Rage Phenomenon?

Short note: kluver Bucy Syndrome

Why basal ganglia is known as primitive motor Cortex

How Basal ganglia is responsible for the control of muscle tone

What is the link between the Parkinson Disease and basal ganglia

How the semicircular canals are important for the angular movement

Write the functions of Autokonia

Describe the role of tip-link

What is vestibulo-ocular System?

What is Saccadic fixation and Compensatory fixation?

Describe the transduction of vestibular hair cell

Short note: nystagmus

Module I

What is the functional importance of carda aquania

What do you mean by intra segmental interaction?

What is inverse myotatic reflex?

What is spinal reflex?

What is gama loop and describe its function in the regulation of muscle tone

What are deep cerebellar nuclei?

Describe the role of vestibulo-cerebellum

What is ALFA-GAMA switch?

Describe the lesion of cerebellar nuclei on the movement

Are there any roles of cerebellum on autonomic activities?

What is the basic difference between habituation and sensitization?

What are the types of learning and memory?

Describe the molecular basis of sensitization

What is instrumental conditioning (operant)?

Short note:

Imprinting, latent learning