

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BNYS 0321]

MARCH 2021

Sub. Code: 1506

(MAY 2020 & AUGUST 2020 SESSION)

B.N.Y.S. DEGREE EXAMINATION

FIRST YEAR (From the academic year 2013-14) – PART II

PAPER IV – HUMAN PHYSIOLOGY II

Q.P. Code : 821506

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about the mechanism of hearing and add a note on hearing tests.
2. Explain the different parts and functions of the cerebellum? Write note on cerebellar lesions.

II. Write Notes on:

(10 x 5 = 50)

1. Origin and termination of Ascending tracts.
2. Neuromuscular Junction.
3. Functions of testes.
4. Functions of thalamus.
5. Physiology of Sleep.
6. Functions of Cerebro Spinal Fluid.
7. Functions of beta cells of Pancreas.
8. Explain functions of spermatogenesis.
9. Explain Anterior Spinothalamic Tract.
10. Draw the components of reflex Arc.

III. Short Answers on:

(10 x 2 = 20)

1. Vasectomy.
2. Cryptorchidism.
3. Dwarfism.
4. Graves disease.
5. Nystagmus.
6. Glaucoma.
7. Kinins.
8. Acetylcholine.
9. Sarcomere.
10. Anosognosia.
