

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

[BNYS 0124]

**JANUARY 2024
(JUNE 2023 / OCTOBER 2023 EXAM SESSIONS)**

Sub. Code: 1506

**B.N.Y.S. DEGREE EXAMINATION
FIRST YEAR PART - II
(For the candidates admitted from the academic year 2011-12)
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. Write in detail about function of testes and spermatogenesis and composition of semen.
2. Methods of collection of clinical significance of Cerebro Spinal fluid.

II. Write Notes on:

(10 x 5 = 50)

1. Changes during muscular contraction.
2. Ovarian changes during menstrual cycle.
3. Pain pathway.
4. Function and lesion of Hypothalamus.
5. Neuromuscular Junction.
6. Draw the components of reflex Arc and explain.
7. Note on test of Hearing.
8. Describe the actions of progesterone.
9. Note on Growth hormone.
10. Functions of Frontal lobe.

III. Short Answers on:

(10 x 2 = 20)

1. Sheehan Syndrome.
2. Babinski' sign.
3. What is parturition?
4. What is stimulus?
5. What is chronaxie?
6. Schwann cells.
7. What are cross bridges?
8. Name the Hormones of Adrenal medulla.
9. Dichromatism.
10. What is rigour?
