

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

[BHMS 0323]

**MARCH 2023
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 1505

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR
(New Regulations – from 2015-2016 batch onwards)
PAPER V – PHYSIOLOGY – II**

Q.P. Code: 581505

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain Synthesis, Secretion, Control and disorders of Posterior Pituitary Hormones.
2. Explain Receptors, Neuronal order, connections, course and effect of lesions of Visual Pathway.

II. Write Notes on:

(10 x 5 = 50)

1. Hyperthyroidism.
2. Cushing's Syndrome.
3. Menopause.
4. Blood brain barrier.
5. Disorders of Hypothalamous.
6. Properties, composition and functions of Succus Entericus.
7. Movements of large Intestine.
8. TCA Cycle.
9. Contraceptive Methods.
10. Test for hearing.

III. Short Answers on:

(10 x 2 = 20)

1. Cretinism.
2. Diagnostic tests for Diabetes Mellitus.
3. Proprioceptor.
4. Neurotransmitters.
5. Gastro intestinal Hormones.
6. CHYME.
7. Audiometry.
8. Lipid Profile.
9. Deglutition.
10. Sensory receptors.
