

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

[BHMS 0222]

**FEBRUARY 2022
(DECEMBER 2020 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. Trace the Extrapyrarnidal tract and describe the functions of Extrapyrarnidal tract.
2. Describe the composition, function, regulation of Pancreatic juice secretion.

II. Write Notes on: (10 x 5 = 50)

1. Spermatogenesis.
2. Refractory Errors.
3. Vitamin B12-Deficiency.
4. Gigantism.
5. Deglutition.
6. Carbohydrate Metabolism.
7. Diabetes insipidus.
8. Reverse peristalsis.
9. Corpus Luteum.
10. Receptors.

III. Short Answers on: (10 x 2 = 20)

1. Types of Neurons.
2. Saltatory conduction.
3. Three Neuron Doctrine.
4. Indefatigability.
5. Cretinism.
6. Infertility.
7. Vitamin A – Deficiency.
8. Acromegaly.
9. Neurilemma.
10. Amylase.
