

[LP 1505]

OCTOBER 2019

Sub. Code: 1505

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER V – PHYSIOLOGY - II

Q.P. Code : 581505

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain the composition, mechanism of secretion, functions and regulation of secretion of gastric juice.
2. Name the hypothalamic groups of nuclei. Explain the functions and effect of lesion of hypothalamus.

II. Write Notes on:

(10 x 5 = 50)

1. Explain the mechanism of second stage of deglutition.
2. Vitamin-C- sources, daily requirement and deficiency manifestations.
3. Spermatogenesis-stages and its regulation.
4. Cushing's syndrome- causes, symptoms and diagnosis.
5. Describe the reactions of urea cycle and its significance.
6. Parkinsonism-causes and features.
7. Mechanism of hearing.
8. Hypothyroidism.
9. Errors of refraction.
10. Female contraception.

III. Short Answers on:

(10 x 2 = 20)

1. Essential amino acids.
2. Catecholamines.
3. Cerebellar nuclei.
4. Chylomicrons.
5. Babinski's sign.
6. Pancreatic hormones.
7. Broca's area.
8. Enzymes.
9. Structure of neuron.
10. Gigantism.
