

[LP 1505]

DECEMBER 2019

Sub. Code: 1505

FIRST B.H.M.S. DEGREE EXAMINATION

(Supplementary)

(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 in detail about Ovulation cycle.
2. Describe the composition, function and regulation of secretion of Pancreatic juice.

II. Write Notes on:

(10 x 5 = 50)

1. Define synapse. Explain synaptic transmission.
2. Vitamin-A- Sources, daily requirement and deficiency manifestations.
3. Explain Visual pathway.
4. Krebs's cycle-Steps, significance and its energetics.
5. Tetany, Causes, important features of tetany and signs of latent tetany.
6. Synthesis of Thyroid hormones.
7. Wallerian degeneration.
8. Tract of Goll and Burdach-origin, course, termination, function and effect of lesion.
9. What is deglutition? What are the stages of deglutition and explain in detail about the second stage of deglutition.
10. Explain the β -oxidation of fatty acids.

III. Short Answers on:

(10 x 2 = 20)

1. Reflex arc.
2. Waves of EEG.
3. Pheochromocytoma.
4. Visual receptors.
5. ADH.
6. Ketone bodies.
7. Internal capsule.
8. Taste buds.
9. Adiadokokinesis.
10. Bile pigments.
