

05 SEP 2020

10195

FIRST B.H.M.S.  
EXAMINATION

PHYSIOLOGY & BIOCHEMISTRY -PAPER-II

Duration:03Hrs.

Total Marks : 100

**Instruction:**

- [1]All the Questions are compulsory.
- [2]Write the Both Sections in Separate answer book.
- [3]Draw Diagrams wherever Necessary.
- [4]Figures to the right indicate full Mark

**SECTION I**

- Q-1 Define neuron. Describe structure, function & classification of Neurone in detail. 15
- OR
- Q-1 Give an account of composition, formation, and functions of Pancreatic juice. 15
- Q-2 Classify receptors. Describe the it's properties. 15
- OR
- Q-2 1. Spinal cord 08  
2. Bile 07
- Q-3 Short notes(Any 3 Out Of 5) 15
- |                            |                       |
|----------------------------|-----------------------|
| 1. Jaundice                | 2. Rods & Cons        |
| 3. Walleri and egeneration | 4. Gastrocolic reflex |
| 5. Glycogenolysis          |                       |
- Q-4 Short Questions 05
1. What is Synapse?
  2. Define conducting deafness.
  3. What is Ricketes?
  4. Define Vomitting.
  5. What is Steatorrhoea?

**SECTION II**

- Q-1 Describe physiology of Growth hormone. 15
- OR
- Q-1 Describe the process of spermatogenesis and its control. 15
- Q-2 Describe structure and functions of adrenal Cortex. 15
- OR
- Q-2 1. Glucagon 08  
2. Ovulation 07
- Q-3 Short notes(Any 3 Out Of 5) 15
1. Balanced diet
  2. Riboflavin
  3. B.M.R.
  4. Oxytocin
  5. Cholesterol
- Q-4 Short Questions 05
1. What is Menarche?
  2. Define Enzyme.
  3. Which are the bones of middle ear?
  4. Which are the symptoms of Goiter?
  5. What is ATP?