

11 FEB 2022

10195  
FIRST YEAR B.H.M.S. EXAMINATION  
FEBRUARY-2022

PHYSIOLOGY INCLUDING BIOCHEMISTRY -PAPER - II

Time: 3 hours

Total Marks: 100

- INSTRUCTIONS: 1. ANSWER EACH QUESTION ON NEW PAGE.  
2. DRAW DIAGRAMS WHEREVER NECESSARY.

SECTION - II

- Q-1 Give an account of composition, formation, and functions of Gastric juice. 15  
OR  
Q-1 Write short notes. 15  
1) Bile 2) Functions of Saliva. 3) Succus Entericus  
Q-2 Describe in detail physiology of Growth hormone. 15  
OR  
Q-2 Write short notes. 15  
1) Calcitonin 2) Glucagon 3) Goiter  
Q-3 Write Short Notes.(ANY FOUR) 20  
1) Enzyme 4) Vitamin C  
2) Balance diet 5) Essential Amino Acids  
3) Gluconeogenesis 6) Glycogenolysis

SECTION - II

- Q-1 Define Synapse. Describe different types of synapse and their properties 15  
OR  
Q-1 Write short notes. 15  
1. Functions of Hypothalamus 2. Tract of Gall and Burdach 3. Composition & Functions of CSF  
Q-2 Describe Spermatogenesis in detail, with a note on Functions of Sertoli Cells 15  
OR  
Q-2 Write short notes. 15  
1. Female Sex Hormones 2. Pregnancy Test 3. Lactation  
Q-3 Write Short Notes.(ANY FOUR) 20  
1. Auditory Pathway 2. ~~Tests for Deafness~~  
3. Accommodation and Pupillary Reflex 4. ~~Applied physiology of Olfaction~~  
5. Rods and Cones 6. Taste Pathway

② IUCD

① ~~REFLEX - ARC~~

④ REFLEX - ARC