

- 1 APR 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 - I

- Q-1 Give an account of composition, formation, and functions of Pancreatic juice. 15
OR
- Q-1 Write short notes. 15
1) Vomiting. 2) Functions of Gastric juice. 3) Functions of small intestine
- Q-2 Describe in detail physiology of Thyroid hormones. 15
OR
- Q-2 Write short notes. 15
1) Cortisol. 2) Oxytocin. 3) Diabetes mellitus.
- Q-3 Write Short Notes.(ANY FOUR) 20
1) Protein. 2) Vitamin A
3) Specific dynamic action of food. 4) Essential Fatty Acids.
5) Glycogenesis. 6) Cholesterol.

SECTION - II

- Q-1 Define Neuron. Classify them. Describe it's structure with a neat labeled diagram 15
OR
- Q-1 Write short notes. 15
1) Functions of Cerebellum 2) Reflex Arc 3) Physiology of Thalamus
- Q-2 Explain different phases of Menstrual Cycle in detail 15
OR
- Q-2 Write short notes. 15
1) Structure of Sperm 2) Oral Contraceptive pills 3) Oogenesis
- Q-3 Write Short Notes.(ANY FOUR) 20
1) Taste Buds 2) Organ of Corti
3) Errors of Refraction 4) Neuromuscular junction
5) Olfactory Pathway 6) Deafness