

**DEPARTMENT OF NUTRITION
PRABHAT KUMAR COLLEGE, CONTAI
Question Paper**

**B.Sc. Honours Examination 2020
(Under CBCS Pattern)
Semester - II
Subject: NUTRITION
Paper: CC – 4 (T + P)
(Human Physiology)**

*Candidates are required to give their answer in their own words as far as practicable.
Questions are of equal value*

Answer any **one question** [within 250 words] from each Part.

PART – A: Human Physiology (Theory)

1. Write about “Follicular Phase”. What are the main functions of Human Reproductive System? What is the male & female reproductive system?
2. Write about mechanism of muscle contraction. What is “Rigor mortis”? Write the main function of skeletal muscular system.
3. Write the structure & functions of the eye.
4. Write about structure & functions of spleen.
5. Write the intrinsic mechanism of blood coagulation. What is anaemia? Write the mechanism of absorption of fatty acid & glycerides.
6. Describe neuromuscular junction. Differentiate between Sympathetic & Parasympathetic Nervous system.
7. What are the roles of major hormones involved in regulating the response to exercise?
8. Describe the phases of Urine Formation. Explain about JGA.
9. Describe the functions of Skin. Mention the name of the sub layers of Epidermis. What is Melanocytes?
10. Describe the different phases of Cardiac Cycle. What are the factors controlling Cardiac Output?

PART – B: Human Physiology (Practical)

1. Mention any 2 Identifiable Characteristics of the following organs:
 - A. Liver
 - B. Lungs
 - C. Thyroid gland
 - D. Kidney
 - E. Ovary

2. What is BP? Define SBP, DBP, PP & MP. In Auscultatory Method, how BP is measured?
3. What do you mean by Bleeding time & Clotting time? How these are determined? What is ABO system?
4. What is Haemoglobin? How haemoglobin level is estimated?

Answer script should be mailed to the following email address:

exam002h@gmail.com