

PRABHAT KUMAR COLLEGE, CONTAI

Question Paper

B.Sc. Honours Examination 2020

(Under CBCS Pattern)

Semester-IV

Subject: ZOOLOGY

Paper : CC10 (T + P)

Immunology (Theory + Practical)

Candidates are requested to give their answer in their own word as far as practicable.
Questions are of equal value

Part A: Theory

Answer any one question [within 250 words]

1. How innate response differ from adaptive response? What are the three components of innate immunity?
2. What are the factors that stimulate the maturation of B- cells? What is the role of MHC class I in immune response?
3. Mention the role of HGPRT in hybridoma technique. Outline the process of production of monoclonal antibodies.
4. What are the immune responses of Plasmodium sp. in humans?
5. Describe the process of thymic education.
6. What is opsonisation? Describe the process of MAC formation through classical pathway.

Part B : Practical

Answer any one question [within 150 words]

1. Illustrate with a diagram the lymphoid organs in humans.
2. Give reasons for identification of T.S of Thymus & Spleen
3. Write the procedure of staining of blood film to study blood cells.
4. Briefly describe the process of performing ELISA test.

E-mail id for submission of answer script: **zoopkceexam4h@gmail.com**