

A-1080

Total Pages : 3

Roll No.

MZO-607

Immunology-II, Immunotechnology

M.Sc. Zoology (MSCZO)

Examination 2026 (Feb.)

Time: 02:00 hrs

Max. Marks: 35

Note : This paper is of Thirty Five (35) marks divided in to two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-“A”

(Long Answer - type Questions)

Note:- Section ‘A’ contains Five (05) long-answer-type questions of Nine and Half (9½) marks each.

Learners are required to answer any two (02) questions only.

(2x9½=19)

P.T.O

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1. Discuss different T cell deficiency diseases.
2. What is autoimmunity? Classify the autoimmune diseases.
3. Explain the different types of vaccines?
4. Explain tumor antigens and different immune responses against them.
5. Give an account of the immune responses exhibited by malarial parasite.

Section-“B”

(Short -answer - type questions)

Note:- Section ‘B’ contains eight (08) short-answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only.

(4x4=16)

1. Write short notes:
 - i) Concomitant immunity
 - ii) Pathology of schistosome infections.
2. What is AIDS? Write modes of transmission.
3. What is transplantation immunity?
4. Explain the principle of ELISA and how it is useful in diagnosing HIV?
5. What is the technique of immune-electrophoresis?

6. Name the different types of graft with suitable examples.
7. Discuss hybridoma technology for monoclonal antibodies.
8. Write about Granuloma formation with suitable diagram.
