

A-930

Total Pages : 3

Roll No. -----

MZO-607

Immunology-II, Immunotechnology

M.Sc. Zoology (MSCZO)

4th Semester Examination 2024 (June)

Time: 2:00 hrs

Max. Marks: 35

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

P.T.O.

A-930/MZO-607

1

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]

- Q.1. Discuss different T cell deficiency diseases.
- Q.2. Give an account of the immune responses exhibited by malarial parasite.
- Q.3. Discuss the technologies used for diagnosis of cholera, typhoid and leprosy infections.
- Q.4. Describe about various types of vaccines.
- Q.5. Write short notes on:
 - a. Concomitant immunity
 - b. Pathology of schistosome infections.

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]

- Q.1. Write briefly the role of lymphocytes in immune response.
- Q.2. What is secondary deficiency? How it differs from primary deficiency?
- Q.3. Write short notes on:
- a. AIDS
 - b. Hepatitis
- Q.4. Write about DNA vaccines
- Q.5. Discuss diagnostic importance of monoclonal antibodies.
- Q.6. Explain the mechanism of graft rejection with suitable diagrams.
- Q.7. Write about immune-electrophoresis with suitable diagram.
- Q.8. Discuss diagnostic importance of monoclonal antibodies.
