

Examination Session June-2022

(Fourth Semester)

MZO-607

M.Sc. ZOOLOGY (MSZO)

[Immunology - II (Immunotechnology)]

Time : 2 Hours]

[Max. Marks : 40

Note : This paper is of Forty (40) marks divided into two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION—A

(Long-Answer-Type Questions)

Note : Section 'A' contains five (05) long-answer-type questions of Ten (10) marks each. Learners are required to answer any two (02) questions only. 2×10=20

1. What is autoimmunity ? Classify the autoimmune diseases.
2. Give an account of the immune responses exhibited by malarial parasite.
3. Describe Acquired Immuno Deficiency Syndrome (AIDS).
4. Describe about various types of vaccines.
5. Explain the technique of ELISA.

SECTION—B

(Short-Answer-Type Questions)

Note : Section 'B' contains eight (08) short-answer-type questions of Five (05) marks each. Learners are required to answer any four (04) questions only. $4 \times 5 = 20$

1. Discuss different T-cell deficiency diseases.

2. What is secondary deficiency ? How it differs from primary deficiency ?
3. Write short notes on :
 - (a) Innate and acquired immunity to filorid infections
 - (b) Cocomitant immunity
4. What are transplantations antigens and discuss their role in graft rejection ?
5. Discuss the theory of Immune surveillance.
6. Discuss diagnostic importance of monoclonal antibodies.
7. Name the different types of grafts with suitable examples.
8. Write about immunoelectrophoresis with suitable diagram.
