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Total Pages : 3

Roll No.

MZO-607

Immunology-II, Immunotechnology

M.Sc. Zoology(MSCZO)

4th Semester Examination, 2023 (June)

Time : 2 Hours]

[Max. Marks : 35

Note : This paper is of Thirty Five (35) marks divided into two (02) Sections 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. What is autoimmunity? Classify the autoimmune diseases.

2. Discuss different B cell deficiency diseases.
3. What is secondary deficiency? How it differs from primary deficiency?
4. Explain the principle of ELISA and how it is useful in diagnosing HIV.
5. Explain hybridoma technology for monoclonal antibody production.

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. (4×4=16)

1. Write about Granuloma formation with suitable diagram.
2. What is secondary deficiency?
3. What is AIDS? Write modes of transmission.
4. Write notes on Innate and acquired immunity to filarial infections.

5. What is transplantation immunity?
 6. Discuss the theory of Immune surveillance.
 7. What is the technique of immune-electrophoresis?
 8. Discuss the importance of fluorescence in immunodiagnosis.
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