

S-173

Total Pages : 3

Roll No.

MZO-607

Immunology-II, Immunotechnology

M.Sc. Zoology (MSCZO)

4th Semester Examination, 2022 (Dec.)

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. Explain the principle behind RIA and discuss the importance of RTA is immunodiagnosis.

2. Classify hypersensitivity reactions? Discuss Type I hypersensitivity reactions.
3. Write in details Hepatitis B, transmission, prevention and control.
4. Give an account of the immune responses exhibited by malarial parasite.
5. What are the different types of vaccines? Explain in detail.

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 short notes :
 - (a) Arthus reaction.
 - (b) Tuberculin reaction.
2. What is cell mediated immunity?
3. Write in detail about Recombinant DNA vaccines.
4. What is transplantation immunity?

5. Explain the principle of ELISA and how it is useful in diagnosing HIV?
 6. Explain tumour antigens.
 7. Write short notes :
 - (a) Concomitant immunity.
 - (b) Pathology of filariasis.
 8. Discuss different T cell deficiency disease.
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