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Reg. No.....

Name.....

M.Sc. (MEDICAL BIOCHEMISTRY) DEGREE EXAMINATION, JULY 2025

Fifth Semester

IMMUNOLOGY

(2022 Admissions—Regular, 2019 – 2021 Admissions—Supplementary, 2018 – 2016
Admissions—Mercy Chance)

Time : Two Hours and a Half

Maximum Marks : 80

All Questions are compulsory.

Draw diagrams wherever necessary.

- I. Write an essay on various immunological techniques. (20)
- II. Describe formation, differentiation and maturation of T cells. (10)
- III. Give an account of immunological disorders. (10)
- IV. Write short notes on :
 1. HLA typing.
 2. Lymphokines.
 3. Uses of monoclonal antibodies.
 4. Graft versus host reactions.
 5. Distinguish between attenuated and DNA vaccine.
 6. Major histocompatibility complex (MHC).
 7. Innate immunity.
 8. Classical pathway of complement activation.

(8 × 5 = 40)

