K26FY0467 Pages: 1 Reg No:.....
Name:.....

Fourth Semester FYUGP Degree (Reg) Examination April 2026

KU4DSCZOO209 - IMMUNOLOGY

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. What is National Immunization Programme?
2. What are the different types of grafts?
3. Define humoral immunity.
4. Define immunology.
5. What is the role of IgE in Type I hypersensitivity?
6. What is organ specific autoimmune disease ?
7. Define primary lymphoid organs.
8. Name the five classes of immunoglobulins.

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Describe Severe Combined Immunodeficiency Syndrome (SCID).
10. Briefly explain allergy and anaphylaxis.
11. Write a short note on systemic autoimmune diseases.
12. Explain the structure and functions of mast cells.
13. Explain how antibody diversity is generated in the immune system.
14. Discuss the genetic basis of antibody diversity with reference to somatic recombination theory.

Section C

Answer any 1 questions. Each carry 14 marks.

15. Write an essay on different types of vaccines
16. Discuss the different types of immunity