

Mid Internal Question Paper

SVGM GOVERNMENT DEGREE COLLEGE::KALYANADURG
June 2023

I Mid Fourth Semester – B.Sc B.Z.C.& CZPT

Subject: Zoology Paper-5

Title of the Paper: Immunology and Animal biotechnology

Time: 1 Hour

Max. Marks : 15

Section- A

Answer any **ONE** of the following questions (1 x 5 = 5 Marks)

1. Explain lymphoid organs.
2. Write about Innate and adaptive immunity
3. Structure of antibody

Section- B

Answer any **TWO** of the following questions (2 x 2½ = 5 Marks)

4. Hapten
5. MHC I
6. Hypersensitivity
7. Factors affecting immune-genecity

Section- C

Answer all **TEN** of the following questions (10 x 1/2 = 5 Marks)

(Comprising multiple choice answers, fill in the blank questions, matching answers questions, comprehension etc.)

8. Thymus is _____ lymphoid organ

9. _____ is called incomplete antigen

10. Substance that increases antigenicity is called _____

11. Part of antibody that binds with antigen is _____

12. Identify the primary lymphoid organ []

a. bone marrow b. spleen c. lymph node d a & b

13. Antibody producing cell is []

a. Macrophage b. B-lymphocyte c. T-lymphocyte d. all

14. Antigen presenting cells are []

a. B lymphocyte b. macrophages c. dendritic cells d. all

15. Match the following

1. IgA [] a. Responsible allergies

2. IgE [] b. Present in colostrum

3. IgM [] c. First antibody produced