

Model Question Paper
Zoology-Immunology - Part I

12th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use Blue pen only.

Time : 01:00:00 Hrs

Total Marks : 70

5 x 1 = 5

Section-A

- 1) Which of the following can induce immunity
(a) Bacteria (b) Viruses (c) Parasites (d) All the above
- 2) Skin is a/an -----
(a) anatomical barrier (b) physiological barrier (c) phagocytic barrier (d) inflammatory barrier
- 3) Which among the following is anti-bacterial ?
(a) interferon (b) lysozyme (c) hormone (d) protein
- 4) Which of the following is anti-viral?
(a) lysozyme (b) interferon (c) protein (d) hormone
- 5) Identify the phagocytic cells from the following combinations
(a) Macrophage and neutrophil (b) Lymphocyte and eosinophil (c) Macrophage and eosinophil (d) Eosinophil and neutrophil

Section-B

5 x 3 = 15

- 6) What is Immunology?
- 7) What are the four types of infectious agents ?
- 8) Define innate immunity
- 9) What is lysozyme ?
- 10) What is phagocytosis ?

Section-C

5 x 5 = 25

- 11) What are the specific features of adaptive immunity and specific immunity ?
- 12) Draw a labelled sketch of the structure of immunoglobulin .
- 13) Give an account of the structure and functions of immunoglobulin.
- 14) Briefly describe the genetic basis of tissue transplantation.
- 15) What are the symptoms of graft rejection ?

Section-D

2 x 10 = 20

- 16) Write an essay on lymphoidal organs and their functions.
- 17) Critically evaluate the transplantation immunology.
