

Model Question Paper
Zoology-Immunology - Part II
12th Standard

Biology

Reg.No. :

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- I. Answer all the questions.
- II. Use Blue pen only.
- III. Question No 15 is compulsory

Time : 00:50:00 Hrs

Total Marks : 60

Section-A

5 x 1 = 5

- 1) Histamine is secreted by
(a) Epithelial cell (b) Mast cells (c) Red blood cells (d) White blood cells
- 2) Humoral immunity consists of
(a) normal cells (b) pathological cells (c) cytotoxic cells (d) immunoglobulin molecules
- 3) Which type of graft is used in plastic surgery ?
(a) xenograft (b) allograft (c) autograft (d) isograft
- 4) MHC genes in mouse is located in
(a) Chromosome 1 (b) Chromosome 2 (c) Chromosome 4 (d) Chromosome 6
- 5) Which of the following is an auto immune disease ?
(a) AIDS (b) Multiple sclerosis (c) Cancer (d) Asthma

Section-B

5 x 3 = 15

- 6) What is acquired immunity?
- 7) Differentiate cell mediated and humoral immunity.
- 8) Differentiate active and passive adaptive immunity
- 9) What are the immunoglobulins ?
- 10) What are the three main functions of antibodies ?

Section-C

5 x 5 = 25

- 11) Explain Anatomical barriers and Inflammatory barriers in first line defence.
- 12) Write about Phagocytosis.
- 13) What are the characters of Acquired immunity.
- 14) Explain Antibody-mediated immunity.
- 15) a) Explain the Thymus functions.

(OR)

- b) Write short account on Mucosa Associated lymphoid Tissues (MALT).

Section-D

2 x 10 = 20

- 16) Write an essay on natural innate immunity
- 17) Give an account of the mechanisms of acquired immunity.
