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الستور الرابع حيوان الاله

د/بدرى

DAMIETTA UNIVERSITY
FACULTY OF SCIENCE
ZOOLOGY DEPARTMENT

FINAL EXAM.
JUNE 2024



Hypersensitivity and Autoimmunity
Zoology and chemistry

Date: 1/6/2024

Time: 3 Hours

Mark: 70

Q1: (17.5 degrees)

A-Define the following

- 1-Hypersensitivity
- 2-Autoimmunity.
- 3-Allergen.

B-Feature of diseases of autoimmune origin

Q2: Compare between: (17.5 degrees)

- 1-Type I and Type II Hypersensitivity.
- 2-Type III and Type IV Hypersensitivity.

Q3: Write short notes in the (17.5 degrees)

- 1-Cells of the immune system.
- 2-Organs of the immune system.

Q4: (17.5 degrees)

Antibodies are the strongest defense molecule of the immune system:

- What is the structure of the basic unit of antibody?
- Enumerate the functions of antibodies.
- Why the unit of antibody is divided into many biological regions?

With my best wishes

Prof. Dr Kadry Elbakry