

Immunology Test - II
B.Sc. Life Sciences

Time 45min

MM- 15

1. Rapid phase of secondary immune response is because of
A Memory cells B NK Cells C T Cells D. Macrophages
2. Antibody can bind to
A Epitope C the whole antigen molecule
B BCR D TCR
3. The first immunoglobulin class produced in a primary response to an antigen is
A IgA B IgG C IgM D IgE
4. The most abundant immunoglobulin class in serum is
A IgA B IgG C IgM D IgE
5. The Ig which serves an important effector function at mucous membrane surface is
A IgA B IgG C IgM D IgE
6. The domains by which immunoglobulin bind to epitope are
A constant region B variable region C framework region D hinge region
7. Papain can digest the entire IgG into
A. A two Fab fragment and one Fc fragment.
B. A one Fab fragment and one Fc fragment.
C. A two F(ab')₂ fragment and one Fc fragment.
D. A one F(ab')₂ fragment and pFc'.
8. All of the following are true about cell mediated immunity **Except...**

A. Mediate by activated T cells and macrophages.
B. Can be transferred by T cells.
C. some times can cause delayed-type hypersensitivity.
D. have no relationship with other cells.
9. Which scientists identified the structure of Immunoglobins

A. Michealis -Menton
B. Tiselius – Kabat
C. Nissonhoff – Porter
D. Kohler – Milstein
10. Whch of the following are components of both Innate immunity and acquired Immunity

A. B- Cells
B. NK Cells
C. Dendritic Cells
D. T-Cells
11. Draw a well labeled diagram of Antibody molecule at back of this sheet.

(5)