

SHIVAJI COLLEGE, UNIVERSITY OF DELHI
DEPARTMENT OF BIOCHEMISTRY
INTERNAL TEST (Academic Year 2023-24)

Name of the Course : BSc	Semester : VI
Name of the Paper : Immunology	Faculty Name : Dr. Abhijeet Mishra
Duration : 15 mins	Maximum Marks: 10
Date of Test : 12/04/2024	

1. Which of the following statements is true about the IgM of humans?
(a) IgM can cross the placenta (b) IgM can protect the mucosal surface
(c) IgM is produced by high-affinity plasma cells (d) IgM is primarily restricted in the circulation
2. Which of the following cells of the immune system do not perform phagocytosis?
(a) Macrophage (b) Neutrophil (c) Eosinophil (d) Basophil
3. Monocytes differentiate into which kind of phagocytic cells?
(a) Neutrophil (b) B cell (c) Macrophage (d) T cell
4. Which of the following does not protect body surfaces?
(a) Mucus (b) Gastric acid (c) Salivary amylase (d) Gut microflora
5. The mononuclear phagocyte system does not include:
(a) Kupffer cells.
(b) Kidney mesangial cells.
(c) Lymph node medullary macrophages.
(d) Endothelial cells
6. The classical and alternative pathways meet at complement component:
(a) C4b (b) Factor D (c) C5 (d) C3
7. Clonal selection occurs when antigen is encountered by:
(a) Neutrophils (b) Mast cells (c) T-cells (d) Basophils
8. Plasma cells:
(a) Are derived from T-cells
(b) Develop into B-cells
(c) Secrete large amounts of gamma interferon
(d) Have a highly developed rough endoplasmic reticulum
9. Specific antibodies are readily detectable in serum following primary contact with antigen after:
(a) 10 min (b) 1 h (c) 5-7 days (d) 3-5 weeks
10. Immunological unresponsiveness to self-antigens is called:
(a) Tolerance (b) Tolerogen (c) Memory (d) Acquired immunity

Faculty Signature:

