

Question Bank for PG Course

প্রাণীবিদ্যা (ZOOLOGY)

ষষ্ঠ(খ) পত্র (Paper - VIB)

Immunology and Microbiology: PGZO-VIB

1. There are different major divisions of immune system. Mention the immune arm where complement proteins belong.
2. When any general inflammation initiates due to common tissue injury which cells from blood stream initially invades within the inflammation site in large numbers ?
3. In general, when clonal expansion of a particular lymphocyte occurs ?
4. Give examples of one primary and one secondary lymphoid organs.
5. Where do we found follicular dendritic cells and Langerhans cells ?
6. Complementarity determining regions (CDRs) are found in which part of antibody molecule ?
7. Give examples of one dimeric and one pentameric immunoglobulin (Ig).
8. What are opsonins ? Give example.
9. What are the components of membrane attack complex (MAC) inserted into the membrane ?
10. What are the domains of MHC class I molecule ?
11. Mention two factors influencing MHC class II increased expression of dendritic cells.
12. Name one immune-molecule and cytokine responsible for immediate hypersensitivity.
13. Goodpasture syndrome and Graves disease are which type of hypersensitivity ?
14. Give two examples of pathogen-associated molecular patterns (PAMPs) for bacterial carbohydrates.
15. Mention which functional arm is absent in invertebrate immune system.