

Sample paper (2020)

B Sc 6th Semester Zoology (Discipline specific Elective Courses)

1. Majority of autoimmune diseases are:
 - (a) Cell mediated
 - (b) Antibody mediated
 - (c) Macrophage mediated
 - (d) Mast cell mediated

2. The ability of immune system to recognise self antigen versus non-self antigen is an example of:
 - (a) Humoral immunity
 - (b) CMI
 - (c) Tolerance
 - (d) None of the above.

3. Which of the following Parasitic protozoan has no intermediate host?
 - (a) *Entamoeba histolytica*
 - (b) *Trypanosoma gambiense*
 - (c) *Plasmodium vivax*
 - (d) *None of the above*

4. Ovaprim is related to:
 - (a) Fish transportation
 - (b) Fish preservation
 - (c) Fish transportation
 - (d) Induced breeding of fish.

5. The interaction in which an individual sacrifices some of its reproductive potential to benefit another individual is called:
 - (a) Territory
 - (b) Altruism
 - (c) Agnostic
 - (d) None of the above

6. Which of the followings is primary producer in pond ecosystem?
- (a) Zooplankton
 - (b) Insect larvae
 - (c) Phytoplankton
 - (d) Fish
7. Ecological pyramid which can be only up right is:
- (a) Pyramid of Energy
 - (b) Pyramid of Biomass
 - (c) Pyramid of Number
 - (d) All above
8. State animal of Uttarakhand is:
- (a) Tiger
 - (b) Elephant
 - (c) Snow Leopard
 - (d) Musk deer
9. Nitrogenous base absent in DNA is:
- (a) Adenine
 - (b) Guanine
 - (c) Uracil
 - (d) Cytosine
10. Okazaki fragments are related to:
- (a) RNA synthesis
 - (b) DNA replication
 - (c) Protein synthesis
 - (d) None of the above

