ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET – 66

Class: XII Sub: Biological Science Date: 08.02.2021

Topic: Ch 13 (part 1) Population interactions

F.M. : 15

Choose the correct option: (1x15=15)

1. The Interaction of populations of two different species is called ……type of interactions.
   a) Intraspecific b) Interspecific c) transgenic d) all of these
2. Interactions can be:
   a) Beneficial b) detrimental c) neutral d) all of these
3. The interaction where one organism is benefitted and the other is harmed is called:
   a) Predation b) parasitism c) mutualism d) both (a) and (b)
4. The interaction where interacting species live closely together:
   a) parasitism b) predation c) commensalism d) all of these
5. ……. is a nature's way of transferring fixed energy from plants to a higher trophic level.
   a) Predation b) parasitism c) amensalism d) all of these
6. Predation has the following role in the environments:
   a) predators act as conduits to transfer energy b) controls prey population c) ecosystem stability d) all of these
7. ……. is the type of interaction which is supported by Darwin's Survival of the fittest theory.
   a) Competition b) Predation c) parasitism d)none of these
8. ……. Proposed the 'Competitive Exclusion Principle' .
   a) Pauli b) Gause c) Connell d) none of these
9. The mechanism of ……. is defined as the reduction of competition by choosing different foraging patterns for the same food resource.
   a) Resource partitioning b) competitive exclusion c) competitive release d) all of these
10. …… is an example of parasitic plant on hedge plants.
    a) Venus fly trap b) *Acacia* c)*Calotropis* d) *Cuscuta*
11. …… is the type of interaction seen in epiphytes growing on Mango tree.
    a) Competition b) Amensalism c) Commensalism d) either (a) or (c)
12. …… is the type of parasitism found in Koel.
    a) endoparasitism b) ectoparsitism c) brood parasitism d) all of these

13. The association of clown fish and sea anemone is an example of …… type of interaction
    a) Mutualism b) Commensalism c) Amensalism d) both(a) and (c)
14. Mutualism is seen in :
    a) lichens b) mycorrhiza c) wasp and fig flower d) all of these
15. Co evolution of the beak of the pollinator and length of the corolla tube supports the following interaction:
    a) Commensalism b) Predation c) Parasitism d) Mutualism

Shaista Ahmed