



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



WORKSHEET – 67

Class: XII

Sub: Biological Science

Date: 13.02.2021

Topic: Ch 13 (part 2) Organism and it's environment

F.M. : 15

Choose the correct option:

(1x15=15)

1. The organisms which can tolerate and thrive in a wide range of temperature they are called.....
a) stenothermal b) eurythermal c) hyperthermal d) all of these
2. The organisms that are restricted to a narrow range of salinities are called:
a) euryhaline b) eurythermal c) stenohaline d) stenothermal
3. The phenomenon of maintenance of constant internal environment is called
a) homeostasis b) photosynthesis c) photoperiodism d) both (a) and (b)
4. The organisms who maintain constant internal environment and exhibit homeostasis are called:
a) osmoconformers b) osmoregulators c) partial regulators d) all of these
5. The following is the chief characteristic of osmoconformer :
a) Spend less amount of energy b) body temperature varies as per the environment c) internal environment is not constant d) all of these
6. The phenomenon of superficial resemblance of an organism to another or to natural objects among which it lives is called:
a) camouflage b) mimicry c) adaptation d) all of these
7. rule explains why mammals from colder climate generally have shorter ears and limbs to minimize heat loss.
a) Gause's b) Allen's c) Odum's d) none of these
8. The pre reproductive stage is broadest in the pyramid depicting the following type of population:
a) expanding b) stable c) declining d) none of these
9. The phenomenon where the zooplanktons species suspend their development during unfavourable environment:
a) suspension b) migration c) diapause d) all of these
10. The phenomenon of migration of species from else where during the time period is called.....
a) emigration b) immigration c) suspension d) none of these
11. Density of a population D is :
a) $S(\text{size})/W(\text{weight})$ b) $S(\text{Space})/N(\text{Number})$ c) $N(\text{Number})/S(\text{Space})$ d) either (a) or (c)

12. Human population exhibits:
 a) Z-shaped growth curve b) S shaped growth curve c) J shaped growth curve d) all of these
13. Population was termed as self perpetuating unit by:
 a) Malthus b) Spencer c) Mobius d) Odum
14. Natality is characteristic of population which means:
 a) the total number of individuals present per unit area at a given time b) the increase in number of individuals in a population under given environmental conditions c) loss of individuals due to death in a population under given environmental conditions d) the movement of individuals into and out of population
15. The formula for exponential growth is:
 a) $\frac{dt}{dN}$ b) $\frac{dN}{rN} = dt$ c) $rN / dN = dt$ d) $\frac{dN}{dT} = rN$

Shaista Ahmed