



# 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 unfavorable environment:  
a) suspension   b) migration   **c) diapause**   d) all of these
10. The phenomenon of migration of species from elsewhere 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)  $dt/dN$     b)  $dN/rN = dt$     c)  $rN/dN = dt$     **d)  $dN/dT = rN$**

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