



SHIKSHA CLASSES

BOARD QUESTION PAPER

Subject : Biology

Ch. : 13. Organisms and Populations

Total Marks : 25

Class : XII

Time : 1 Hr.

Section A

Q.1. : Select & write the most appropriate answer from the given alternatives for each sub-question. 4

- i) denotes the study of behaviour of animals in relation to their environment
a) Ethology b) Ecology c) Bionomics d) Biosphere.
- ii) is the death rate of a population.
a) Natality b) Mortality c) Density d) Emigration
- iii) Lichen is an example of
a) Mutualism b) Parasitism c) Commensalism d) Amensalism
- iv) Animals that can tolerate a narrow range of salinity are
a) euryhaline b) anadromous c) catadromous d) stenohaline

Q. 2.: Write the answer in ONE sentence. 2

- i) What is commensalism?
ii) Define: Natality.

Section B

: Attempt any THREE. 6

Q. 3.: What is Niche and give its types.

Q. 4.: What is immigration and emigration?

Q. 5.: What is Allen's rule?

Q. 6.: Write short notes on Adaptations of mammals in colder regions.

Section C

: Attempt any THREE. 9

Q. 7: Write a note on Population Interaction.

Q.8: Write a note on mortality.

Q. 9: What is : a) Gravitational water b) Hygroscopic water c) Combined water

Q. 10 : What are the three main types of niches?

Section D

: Answer the following : (ANY 1)

4

Q. 11: Write the difference between habitat and Niche and explain the three types of niche.

Q. 12: Explain exponential growth & logistic growth with the help of diagram.

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