

Subject: Science

Week -

Grade :- 11

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15 – Biosphere I

Organizational level in the biosphere

Biosphere is organized from the simplest level to complex level. This organization can be shown in the flow chart.



01. Fill in the blanks to complete the following flow chart.



02. Define the following terms and give an example for each one.

I. Individual

II. Population

III. Community

IV. Ecosystem

V. Biosphere

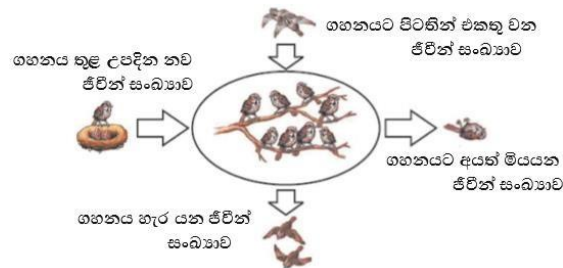


03. The above figure shows a species. Define “a species”.

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Growth of population and growth curves

The number of organisms of a species living in a unit area of a selected habitat is called the "Population density".

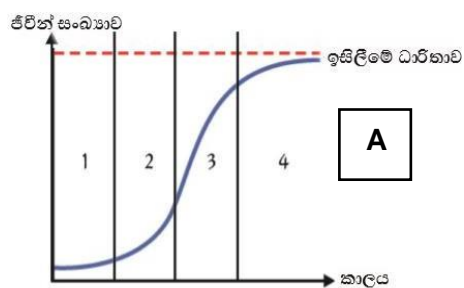


04. Write 04 main factors that effect on the population density of a natural population.

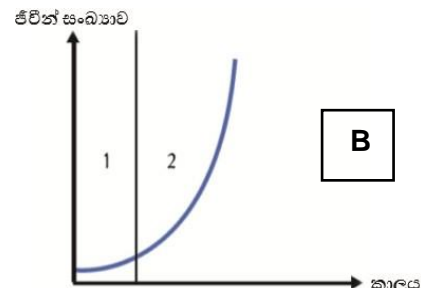
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Typical growth curve



Growth curve of human



05. How can you describe the shapes of the growth curves of A and B separately.

A: B:

06. Name 02 factors that affect the rapid incensement of the growth curve of human population.

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07. Name 1,2,3 stage of the typical growth curve and write the main reason affected for that.

Stage	Name of the stage	Reason
1		
2		
3		

08. How can you name the stage 04 of the typical growth curve?

09. Answer the following questions by using the typical growth curve.

I. What is the name that use for the animal in a population after it came to the dynamic equilibrium?

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II. Write a specific feature of the population after it came to the dynamic equilibrium.

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