

**EASTERN UNIVERSITY, SRI LANKA**

**FACULTY OF COMMERCE AND MANAGEMENT**

**SECOND YEAR FIRST SEMESTER EXAMINATION IN BACHELOR OF BUSINESS**

**ADMINISTRATION/ BACHELOR OF COMMERCE 2017/2018 (PROPER [JULY/AUGUST 2019])**

**AUX 2032- FUNDAMENTALS OF SCIENCE**

Time : 02 hours

Answer all questions:

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1. Write answer the following:

- a) What is the basic unit of a living organism?
- b) What is biology?
- c) What is DNA and state its role in a living cell?
- d) What is an ecosystem?
- e) Name the different water resources.
- f) What is meant by the term biomagnification in the food web?
- g) What is genetic drift? State how it is occurred.
- h) Name the producers and decomposers in a food chain of aquatic system.
- i) Write three renewable resources.
- j) Define the term Community.

10/each= 100marks

2. Write a brief account on the following:

- a) Deforestation and its consequences
- b) Aquatic pollution.

100 marks

3. Comment on any two of the following:

- a) Ozon depletion and its effects on earth
- b) Marine food web
- c) Non-renewable energy resources.

100 marks

4. Write short notes of any two of the following:

- a) Human -Elephant conflict in Sri Lanka
- b) Biogeochemical cycles
- c) Community and Ecological interactions.

100 marks