

EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR SECOND SEMESTER COMMERCE AND BUSINESS MANAGEMENT 2018/2019 (~~2020~~ 2021)

AUX 2032- FUNDAMENTAL 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 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 is occurred.
- h) Name the producers and decomposers in a food chain.
- i) Write three renewable resources.
- j) Name three Covid-19 vaccines.

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) Bio energy
- c) Non-renewable energy resources

100 marks

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

- a) Human -Elephant conflict in Sri Lanka
- b) Three Biogeochemical cycles
- c) Covid -19 and preventive measures

100 marks

Total

400marks/4 = 100 marks