

EASTERN UNIVERSITY, SRI LANKA
FIRST YEAR IN SCIENCE (2015/2016)
CC 104 ENVIRONMENTAL SCIENCE (MAY/JUNE 2018)

Time: Three hours

Answer all questions

(Illustrate your answer with clear labeled diagram where ever necessary)

- 1) Comment on **any four** of the following:
 - a) Autotrophs
 - b) Ecosystem
 - c) Community
 - d) Decomposer
 - e) Mutualism

- 2) Write short notes on **any two** of the following:
 - a) Biotic and abiotic parameters of an aquatic ecosystem
 - b) Mangrove ecosystem
 - c) Biological accumulation and Biological magnification

- 3)
 - a) Explain the term biogeochemical cycle with examples
 - b) Explain the water cycle only with diagrammatic presentation

- 4)
 - a) Define the term pollution and pollutant
 - b) List major type of pollution
 - c) Discuss the aquatic pollution **or** marine pollution

- 5) Briefly discuss **any two** of the following:
 - a) Coral reef and its threats in Sri Lanka
 - b) Renewable and Non-renewable biological resources
 - c) Eutrophication in freshwater bodies

- 6) Suggest the way^s to control garbage menace in Batticaloa municipal area.

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