

Uganda Martyrs University

FACULTY OF EDUCATION
BACHELOR OF EDUCATION (PRIMARY) YEAR THREE
SEMESTER TWO EXAMINATIONS, 2022/23
BIOLOGICAL SCIENCE EDUCATION



PAPER ONE: ENVIRONMENTAL SCIENCE

DATE: Sat 20/05/2023

Time: 9:30 am-12:30 pm

Instructions:

- Follow instructions on this question paper and answer booklet carefully.
- Write your registration number on each page of this question paper.
- This paper consists of TWO sections A, and B.
- Attempt two questions from each section and write answers in the booklet, beginning each selected question on a new page in the answer booklet.
- Illustrate appropriately.

SECTION A

1. (a) Define the term "environment". (3 marks)
(b) Give an account of the importance of environmental education in primary schools. (8 marks)
(c) What are the limitations to environmental education at primary level? (7 marks)
(d) How can these limitations be overcome? (7 marks)
2. (a) Define a forest. (3 marks)
(b) Give an account of the importance of forests. (9 marks)
(c) Discuss the challenges facing forest conservation in Uganda. (13 marks)
3. (a) Define a natural resource. (2 marks)
(b) Discuss the dangers of relying on non-renewable resources like fossil fuels for national development. (8 marks)
(c) What are the remedies to the above named challenges? In 3 (b) (15 marks)

4. (a) Define pollution (3 marks)
- (b) Name the three major types of pollution and in each case list the causes of each type. (15 marks)
- (c) Suggest possible solutions to environmental pollution. (7 marks)

SECTION B

5. (a) Distinguish between in situ and ex situ conservation. (4 marks)
- (b) What is the role of wild life conservation to a country like Uganda? (10 marks)
- (c) Why is the conservation of wild life still a challenge in Uganda? (6 marks)
- (d) Name the national parks in Uganda. (5 marks)
6. (a) Wetlands are not waste lands. Discuss. (16 marks)
- (b) What are the solutions to the rapid decline of wetland cover in Uganda? (9 marks)
- 7 (a) The environment of a primary school pupil that affects his/ her daily life and performance may not be the resources like forests and wetlands. Give a detailed account of the environment of a learner that affects his/her health and performance at school. (15 marks)
- (b) What is the role of school managers and administrators in ensuring a good environment for learners? (10 marks)
8. (a) Define environmental health. (3 marks)
- (b) Give an account of diseases that are caused by poor environmental health. (12 marks)
- (c) How can these diseases be controlled? (10 marks)

END