



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY
EXAMINATIONS 2018/2019 ACADEMIC
YEAR
THIRD/FOURTH YEAR SECOND
SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF ENVIRONMENTAL
STUDIES (BIOLOGY AND HEALTH)**

**COURSE CODE: EBH 3228
COURSE TITLE: WETLAND ECOLOGY
AND CONSERVATION**

**DATE: 29/4/2019
10.30 AM**

TIME: 8.30-

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other three in section **B**

This paper consists of 2 printed pages. Please turn over.

SECTION A

Answer all the questions in this section (25 marks)

1. Name four ways by which water influences wetland ecosystem processes

(4 marks)

2. Explain two indicators of wetland hydrology **(4 marks)**

3. Outline four ways of conserving wetlands **(4 Marks)**

4. Explain two adaptations of hydrophytes to their habitat **(4 marks)**

5. a) What do the terms wetland restoration and creation mean?

(3 marks)

b) Explain three wetland restoration guiding principles

(6 marks)

SECTION B

Answer any 3 (THREE) questions (45 marks)

6. Discuss the impacts of anthropogenic activities on wetlands **(15 marks)**

7. Discuss the various wetland conservation practices **(15 marks)**

8. Discuss the ecological functions of wetlands **(15 marks)**

9. a) Discuss three distinctive features of wetland ecosystem? **(7 marks)**

b) Explain four types of wetlands
marks)

(8

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