



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN WILDLIFE
MANAGEMENT**

COURSE CODE: WRM 2203

**COURSE TITLE: MARINE ECOLOGY AND
OCEANOGRAPHY**

DATE: 27TH APRIL, 2018

TIME: 0830 - 1030 HRS

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 QUESTIONS (25 Marks)

1. Give reproductive adaptations of Mangroves **(6 Marks)**
2. Briefly discuss the adaptation of organisms living on rocky shores
(6 Marks)
3. Give the characteristics of the Mangrove habitat **(4 Marks)**
4. Briefly discuss the Monsoon wind and how it affects the coastal climate **(5Marks)**
5. Briefly explain the adaptations of organisms on rocky shores
(4 Marks)

SECTION B: ANSWER THREE QUESTIONS ONLY (45 Marks)

6. Discuss the factors affecting the distribution and growth of corals
(15 Marks)
7. Using illustrations discuss the physiological and behavioral adaptations of organism in estuarine environment
(15 Marks)
8. Explain why zonation within mangrove forest in Kenyan coast is likely to vary between sites using the zonation patterns **(15 Marks)**
9. Using examples and illustrations where necessary Discuss the sea grass habitat **(15 Marks)**

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