



TECHNICAL UNIVERSITY OF MOMBASA
Faculty of Business & Social Studies
DEPARTMENT OF HOSPITALITY & TOURISM

DIPLOMA IN TOURISM MANAGEMENT
(DTM S13)

AES 2131: FAUNA AND FLORA II

SUPPLEMENTARY/SPECIAL EXAMINATIONS

SERIES: SEPT 2017

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of Sections **A** and **B**.
- Section **A** is **Compulsory**. Answer any **TWO** questions in Section **B**.
- Mobile phones are not allowed into the examination room.
- Cheating leads to disqualification.
- *This paper consists of Two printed pages.*

SECTION A (Compulsory) 30 Marks

QUESTION 1

- While guiding tourists interested in frogs in a wetland ecosystem they listed that the frogs were making differentiated calls. Highlight to them **FOUR** different calls that the frogs probably made. (8 marks)
- Highlight **THREE** reasons why living organisms in the world are classified. (6 marks)
- Highlight **FOUR** reasons that may explain why tourism managers in Kenya are equipped with natural history of fauna and flora knowledge. (8 marks)
- Explain why tourism establishments along the Kenyan coastline should contribute to the conservation and protection of the coral coastline. (8 marks)

SECTION B (Answer any TWO questions) 40 Marks

QUESTION 2

- While briefly scuba drivers, you were to enlighten them on marine organisms classification depending on the position that they live in the ocean. Describe to them **THREE** such positions. (6 marks)
- Describe to some tourists on a deep sea, fishing tour the **FOUR** different types of scales likely to be exhibited by the fish that they may catch. (8 marks)
- While gone frogging some tourists enquired from you on how to differentiate frogs and toads. Describe to them **THREE** such differences. (6 marks)

QUESTION 3

- There are **THREE** major classes of fish in the modern classification. State the **THREE** classes and give an example of a species that is classified in each class. (6 marks)
- Cords are important resources in the development of tourism along the Kenyan. Outline. Describe **FOUR** types of corals that are likely to be found in the Kenyan Marine protected areas. (8 marks)
- Highlight **THREE** reasons why species of the family Rannidae should be conserved in Kenya. (6 marks)

QUESTION 4

- Diagram the various marine zones in which ocean faring tourists may venture into during a sea diving cum cruise tour in the Indian Ocean. (10 marks)
- Frogs display different colouration in their natural habitats. Explain **FIVE** functions of this differentiated colouration. (10 marks)