

CHUKA



UNIVERSITY

UNIVERSITY SUPPLEMENTARY/SPECIAL EXAMINATIONS.

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
TOURISM AND HOTEL MANAGEMENT.**

BTHM 201: INTRODUCTION TO EAST AFRICA FLORA AND FAUNA

STREAMS: BSC (BTOM & WIEM) Y2S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 24/07/2018

8.30 A.M - 10.30 A.M

INSTRUCTIONS:

- Answer **ALL** Questions in Section A and any other **TWO** in Section B
- Do not write anything on the Question paper.

SECTION A: [30 MARKS]

1. (a) Distinguish between plant taxonomy and plant classification. [1 Mark]
(b) Outline three advantages of scientific plant names over common plant names. [3 Marks]
2. During a visit to a park, a student saw a lion attack and kill some lion cubs. Briefly explain this social behavior in lions. [4 Marks]
3. (a) Give two examples of plants that are endangered in Kenya. [2 Marks]
(b) Outline three main factors that can cause a species to become rare or endangered. [3 Marks]
4. Suppose you came across black rhinos, outline five characteristics that you would use to distinguish them from white rhinos. [5 Marks]
5. State whether each of the following statements is **true or false**.
 - (a) Elephants drink water through their trunks. [1 Mark]
 - (b) The largest mammalian species live on land. [1 Mark]
 - (c) Bats are the only animals that use echolocation. [1 Mark]
 - (d) Grazing in buffaloes is aided because they possess a prehensile tongue. [1 Mark]

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- 6. Explain five benefits of conservation or reptiles in East Africa. [5 Marks]
- 7. Outline three functional roles of the color patterns observed in coral reef fish. [3 Marks]

SECTION B: [40 MARKS]

- 8. In Kenya, flora and fauna play an important role in promoting the welfare of the society. Giving appropriate examples, discuss the value of flora and fauna to our country. [20 Marks]
- 9. Tropical rainforest such as the Kakamega Forest are regarded as the most diversified terrestrial ecosystems in the world. Describe in details the characteristics of tropical rainforests. [20 Marks]
- 10. Discuss the threats facing conservation of birds in East Africa and suggest measures that can be put in place to address those challenges. [20 Marks]

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