



# The Co-operative University of Kenya

**SUPPLEMENTARY / SPECIAL EXAMINATION AUGUST-2019**

**EXAMINATION FOR THE DIPLOMA IN TOURISM MANAGEMENT**

**UNIT CODE: DMTM 1203**

**UNIT TITLE: ENVIRONMENTAL STUDIES**

**DATE: 26<sup>TH</sup> AUGUST, 2019**

**TIME: 2:30 PM – 4:30 PM**

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## **INSTRUCTIONS:**

- Answer question **ONE (compulsory)** and any other **TWO** questions

## **QUESTION ONE**

- (a) Define the term environment and briefly describe the types of Environment we have. (15 Marks)
- (b) Man and environment relationship is as old as the evolution of mankind. Briefly describe the **THREE** approaches to this relationship. (15 Marks)

## **QUESTION TWO**

- (a) Define the following terms; (10 Marks)
- Ecology
  - Autecology
  - Synecology
  - Ecological Nitch
  - Ecosystem
- (b) Write short notes on Ecological pyramids. (10 Marks)

## **QUESTION THREE**

- (a) We say a more complex food web means a more stable Ecosystem. Justify this statement. (10 Marks)
- (b) Briefly describe the interactions of organism in the ecosystem. (10 Marks)

## **QUESTION FOUR**

Briefly discuss the wildlife management tools. (20 Marks)

## **QUESTION FIVE**

- (a) Define the following terms as used in Wildlife management. (5 Marks)
- Conservation
  - Preservation
  - Conservation Biology
  - Carrying capacity
  - Sustainability
- (b) Write brief notes on wildlife management practices. (15 Marks)