Name	Index No.
1918/206	Candidate's Signature
1919/206	
FAUNA, FLORA AND	Date
ENVIRONMENTAL STUDIES	
Inly 2013	



THE KENYA NATIONAL EXAMINATIONS COUNCIL

CRAFT CERTIFICATE IN TOUR GUIDING OPERATIONS CRAFT CERTIFICATE IN TOUR GUIDING AND TRAVEL OPERATIONS MODULE II

FAUNA, FLORA AND ENVIRONMENTAL STUDIES

3 hours

INSTRUCTIONS TO CANDIDATES

Time: 3 hours

Write your name and index number in the spaces provided above.

Sign and write the date of the examination in the spaces provided above.

This paper consists of SEVENTEEN questions in TWO Sections; A and B.

Answer ALL the questions in Section A in the spaces provided after each question.

Answer any FOUR questions in Section B in the spaces provided after question 17.

Candidates should answer the questions in English.

For Examiner's Use Only

Section	Question	Maximum Score	Candidate's Score
A	1 - 12	32	
	13	17	
	14	17	
В	15	17	
	16	17	gert) all To a
	17	17	
		Total Score	

This paper consists of 16 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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SECTION A (32 marks)

Answer ALL questions in this Section in the spaces provided after each question.

1.	State two systems used in classifying living things.	
	- SIU	d = 1.5
2.	Identify four habitats where mammals are found in Kenya.	(4 marks)
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	and the second street of authorized the second second	
3.	List three items used in bird watching.	(3 marks)
	and other and a second service of the second second service of the	
50	10 mg 1 mg	
	14 10	
4.	State two members of the Class Amphibia which can be utilised for tourism.	(2 marks)
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untify three harmful insects found in East Africa.	
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To the survey to the other by similar -	
List three characteristics of fishes.	(3 mark
es and the second secon	
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State two differences between monocotyledon and dicotyledon plants.	(2 mar
List four abiotic components of the environment.	(4 mai

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	State two types of energy flow pyramids in the ecosystem.	
	Identify two methods of conservation of natural resources.	(2 mari
		A1
	List two reasons why mankind should conserve the environment.	(2 mar
		01
	State three positive economic outcomes of eco-tourism.	(3 mar
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SECTION B (68 marks)

	-6000		CONTRACTOR AND ADDRESS OF THE PARTY OF THE P
13.	(a)	Highlight six causes of human-wildlife conflict in areas found around national and reserves in Kenya.	(9 marks)
	(b)	Outline four positive impacts of eco-tourism on the environment.	(8 marks)
14.	(a)	Explain six ways birds are utilised by mankind.	(9 marks)
	(b)	Highlight four roles of environmental organisations in conservation.	(8 marks)
15.	(a)	Snakes are among the most popular reptiles. Outline four ways they are utilis mankind.	sed by (8 marks)
			(O IIIIIKS)
	(b)	Mau Forest is an important water tower in Kenya that has been degraded. Exp	Charles L. Vancour Conn.
		six ways that can be used in rehabilitation of the forest.	(9 marks)
16.	(a)	Highlight four ways insects are beneficial to the tourism industry.	(8 marks)
	(b)	Explain six ways of controlling environmental pollution.	(9 marks)
17.	(a)	Describe four adaptations of vegetation to tropical forest ecosystems.	(8 marks)
	(b)	Explain six benefits of plants to mankind.	(9 marks
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