UNIVERSITY EXAMINATIONS

UNIVERSITEITSEKSAMENS

UNISA university of south africa

GGH1502

May/June 2017

WORLD ISSUES: A GEOGRAPHICAL PERSPECTIVE

Duration 2 Hours

100 Marks

EXAMINERS

FIRST MRS R COETZEE

SECOND DR AW GUNTER

Closed book examination

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[TURN OVER]

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This paper consists of 2 pages

Important

A Answer all questions in the examination book
B Make sure that your student number and all the other required information are written on your examination book
C Read the instructions at the beginning of each question and follow them carefully
D Start each question on a new page
E Wishing you every success in the examination!

[TURN OVER]

Question 1

1 1 The fynbos or chaparral biome consists of low evergreen trees and shrubs which have thick bark and small, hard leaves to tolerate the climatic extremes Briefly discuss the climate and the role of fires in this biome

(4)

1 2 Distinguish between the tropical rainforest and tundra biomes

(8)

1 3 Describe four characteristics of the atmosphere, two characteristics of the hydrosphere and two characteristics of the biosphere

(8)
[20]

Question 2

Describe, in essay format, deforestation and explain the causes and effects thereof in tropical rainforests

[20]

Question 3

3 1 List the sources of the following types of ocean pollution

- Nutrients
- Plastics
- Toxins
- Oil

(8)

3 2 Discuss the environmental impacts of ocean pollution

(10)

3 4 Name two regulations that limit waste materials in the oceans

(2)
[20]

Question 4

4 1 Describe how five human activities have caused the extinction of species over time

(10)

4 2 Briefly describe two conventions that protect biodiversity

(4)

4 3 Give three examples of off-site conservation initiatives

(3)

4 4 Explain why off-site conservation initiatives are not always successful

(3)

[20]

Question 5

5 1 Into which two groups can environmental schools of thought be divided? Give a description of the differences between the groups

(10)

5 2 Malthus argued that the increase in human population would exceed the carrying capacity of the environment Malthus did not account for the role of technology in his population theory, but another economist, Ester Boserup, did Explain her view on food production and population growth

(10)
[20]
TOTAL 100

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