

GGH1502

October/November 2017

WORLD ISSUES: A GEOGRAPHICAL PERSPECTIVE

Duration 2 Hours

100 Marks

EXAMINERS

FIRST

SECOND

MRS R COETZEE

PROF AW GUNTER

Closed book examination

This examination question paper remains the property of the University of South Africa and may not be removed from the examination venue

This paper consists of two pages

Important

- A Answer all the 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 Good luck in the examination!

[TURN OVER]

Question 1

Describe the possible impacts of big dams on the environment. In your answer, refer to the dam and its reservoir, upstream and downstream areas

[20]**Question 2**

Explain the relation between desertification and environmental degradation. You must refer to the main driving forces and physical processes contributing to desertification

[20]**Question 3**

- 3 1 What is the effect of irrigation on the environment? (5)
- 3 2 Discuss the effects of chemical pesticides on the environment (10)
- 3 3 List five (5) main alternative approaches to chemical pest control (5)

[20]**Question 4**

- 4 1 Describe the negative effects that erosion could have on agriculture and the nature of the soil (5)
- 4 2 Name five (5) reasons why the natural erosion rates for two different areas might differ (5)
- 4 3 Describe the three (3) categories for classifying soil protection techniques and indicate the basic differences between these categories (10)

[20]**Question 5**

- 5 1 Distinguish between the economic (techno-centric) and deep ecology (eco-centric) worldviews (10)
- 5 2 Explain how Boserup's theory differs from Malthus's theory (10)

[20]**TOTAL 100**