



UNIVERSITY OF JOHANNESBURG
FACULTY OF EDUCATION
JUNE EXAMINATION 2016

PROGRAMME: B. Ed Foundation Phase Programme
MODULE: Culture and the Natural Environment 10A3
CODE: CNE10A3
TIME: 2 hours
MARKS: 100 marks
EXAMINER: Mrs. H. Van der Haar
MODERATOR: Mrs. K. Fonseca

(This paper consists of 3 pages)

INSTRUCTIONS

Read the following instructions carefully before answering the questions.

1. This question paper consists of four (4) questions and three (3) pages.
2. Please answer **ALL** the questions.
3. Please write in black ink.
4. Please include your name, surname and student number on your answer script.

QUESTION 1

Social Sciences in the Foundation Phase

Geography forms part of Social Sciences in the Beginning Knowledge area of Life Skills in the Foundation Phase.

In light of this statement, answer the following questions:

- 1.1 How would you describe the conceptual framework for Geography (as part of Social Sciences) in the Foundation Phase? (10)
- 1.2 Identify and discuss the main themes in the teaching of Geography in Social Sciences for the Foundation Phase. (10)

1.3 Analyse the role of Geography in the South African school context (5)

TOTAL FOR QUESTION 1: 25 marks

QUESTION 2

Conservation and Water Pollution

2.1 Define the following terms:

2.1.1 Pollution

2.1.2 Renewable resource

2.1.3 Non-Renewable resource

2.1.4 Conservation

2.1.5 Waste

2.1.6 Landfill (6)

2.2 Provide an outline and practical examples that detail the names and descriptions of each of the three (3) stages of waste management. (9)

2.3 What are some of the human activities responsible for water pollution? (3)

2.4 Mention the three (3) most common water-borne diseases in South Africa. (3)

2.4. What in your opinion would be four (4) practical corrective actions to teach learners in the prevention of water pollution? (4)

TOTAL FOR QUESTION 2: 25 marks

QUESTION 3

Birds and Reptiles

3.1 Justify the statement: *Birds are social beings* (6)

3.2 Tabulate the differences between raptor birds and seed-eating birds. (10)

3.3 The skeletal system of birds show some similarities to that of humans. Name the specific bones that show these similarities. (5)

3.4. The Reptilian order Rynchocephalia (Tuatara) has characteristics unique to itself. Describe these characteristics. (4)

TOTAL FOR QUESTION 3: 25 marks

QUESTION 4

Animal homes and adaptations

4.1 Name one adaptation of nocturnal animals. (1)

4.2 Animals create structures (homes) for primarily three (3) reasons. List these reasons. (3)

Earth Sciences

4.3. Create a simple diagram of the Milky Way Solar System in which you clearly illustrate the centre of the solar system, the various planets, as well as their proximity to the sun. (10)

4.4 Differentiate between Jovial and Terrestrial planets. (6)

4.5 Identify the chemical layers of the earth. (5)

TOTAL FOR QUESTION 4: 25 marks

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