



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF HEALTH AND APPLIED SCIENCES AND NATURAL RESOURCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

QUALIFICATION: DIPLOMA IN NATURAL RESOURCE MANAGEMENT (NATURE CONSERVATION)	
QUALIFICATION CODE: 07BNRS	LEVEL: 7
COURSE CODE: NCT620S	COURSE NAME: NATURE CONSERVATION TECHNIQUES 3
SESSION: NOVEMBER 2022	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 150

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER

EXAMINER(S)	Mr H. Tjikurunda
MODERATOR:	Mr. M. Kasaona

INSTRUCTIONS

1. Answer ALL the questions.
2. Write clearly and neatly.
3. Number the answers clearly.

PERMISSIBLE MATERIALS

1. All written work MUST be done in blue or black ink
2. No books, notes and other additional aids are allowed

THIS QUESTION PAPER CONSISTS OF 2 PAGES (Excluding this front page)

QUESTION 1

- 1.1. Name and explain the 3 measures to take in order to control excessive blood loss from an open wound resulting from animal attack. **(10 marks)**
- 1.2. Briefly, explain how you would treat a snake bite. **(5 marks)**

SUBTOTAL: 15

QUESTION 2

Discuss the factors to consider when acquiring a horse for use in patrols in the parks. **(12x2=24 marks)**

SUBTOTAL: 24

QUESTION 3

- 3.1. Define the following terms. **(6 marks)**
- a) Mapping
 - b) Map reading
 - c) Map interpretation
 - d) Map analysis
- 3.2. Briefly, explain why topographical maps are useful for natural resources management. **(4 marks)**
- 3.3. Explain what map setting is (3) and provide two methods used in map setting (2). **(5 marks)**

SUBTOTAL: 15

QUESTION 4

- 4.1. Name and explain 5 factors that will influence the countability of animals during an aerial survey. **(10 marks)**
- 4.2. Provide 5 practical hints that will help in planning for an aerial census. **(5 marks)**
- 4.3. Briefly, discuss "time of the year" as a factor to consider when planning for an aerial game census. **(6 marks)**

SUBTOTAL: 21

QUESTION 5

5.1. Name the 5 principal rifles actions. (5 marks)

5.2. Provide 10 golden rules of weapon safety. (10 marks)

SUBTOTAL: 15

QUESTION 6

6.1. Discuss the factors which tends to worsen the stress in wild animals during a capture operation. (11x2=22 marks)

6.2. Provide 8 measures to take in order to prevent stress in animals during capture. (8 marks)

SUBTOTAL: 30

QUESTION 7

7.1. Discuss the requirements for an ideal wildlife harvesting system. (12x2=24 marks)

7.2. Briefly, discuss shooting at night as a harvesting technique for wildlife, include the advantage and disadvantages of this method. (6 marks)

SUBTOTAL: 30

GRAND TOTAL: 150