NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF NATURAL RESOURCES AND SPATIAL SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

QUALIFICATION: BACHELOR OF NATURAL RESOURCE MANAGEMENT	
QUALIFICATION CODE: 07BNTC	**LEVEL:** 7
COURSE CODE: NCT520s	**COURSE NAME:** NATURE CONSERVATION TECHNIQUES 2
SESSION: NOVEMBER 2019	**PAPER:** THEORY
DURATION: 3 HOURS	**MARKS:** 150

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mrs C D'Alton
MODERATOR:	Mr. A Marais

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)

Section A: Problem Animals:

Question 1: Shortly describe how a farmer will test bait to identify a suitable one for luring Black Backed Jackal or Caracal. (14)

Question 2: Describe how you would identify the culprit killing your livestock as leopard? (9)

Question 3: Describe the trapping procedure when you need to thin out the number of individuals of a baboon troop. (14)

Question 4: Name three problem causing animals (as mentioned in your "Problem animal control" study guide) in Namibia, except the ones mentioned in this paper. (3)

Section B: Soil erosion:

Question 5: Name and describe the three main processes of erosion caused by rainfall. (12)

Question 6: Name three types of problem soils that are susceptible to erosion. (3)

Question 7: How do you know that soil is suitable for the construction of soil conservation works. (9)

Question 8: How does the canopy effect influence raindrop erosion? (6)

Section C: Trophy preparation in the field:

Question 9: Describe in detail how you would skin a cat or other predators' feet and claws. (10)

Question 10: Name the three methods in treating the skull and very briefly describe each process. (16)

Question 11: Which details should appear on the label of a folded and prepared skin? (4)

Section D: Game census:

Question 12: Which important information can you gather during a game census and how will you use it as a management tool? (10)

Question 13: Which game counting method will you use in the following situations and why:

a) Thick forest
b) Open savanna in a large game park
c) Savanna interspersed with bush thickets
d) Damara dik dik
e) Steenbok (10)

Section E: Design and placement of waterholes:

Question 14: What are the requirements for an ideal waterhole? (12)

Question 15: How will you decide where to place a waterhole and why? (10)

Question 16: Which contagious diseases are spread around waterholes and how can this be prevented through proper management? (8)

Total: 150