

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY



SSC5113

FACULTY OF APPLIED SCIENCES

DEPARTMENT OF SPORTS SCIENCE AND COACHING

MASTER OF SCIENCE IN SPORTS SCIENCE

SSC5113: RESEARCH METHODS FOR EXERCISE SCIENCES

EXAMINATION QUESTION PAPER

DECEMBER 2024

This examination question paper consists of 2 pages

TIME ALLOWED: 3 HOURS
TOTAL MARKS: 100
SPECIAL REQUIREMENTS: NIL
EXAMINER'S NAME: MR E M TAPER

INSTRUCTIONS

- 1) Answer any 4 questions.
- 2) Each question carries 25 marks.
- 3) Where a question contains subdivisions, the mark value for each subdivision is given in brackets.

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
TOTAL	100

1. Describe the sports science research process in detail, explaining its stages. (25 marks)

2. Compare the roles of the student and the roles of the supervisor in the research process in sports science. (25 marks)

3. Discuss how technology can be used in the research process in sports science. (25 marks)

4. Discuss Saunders concept of the research onion, explaining its importance in sports science research. (25 marks)

5.
 - i) Discuss the differences between qualitative research and quantitative research in sports science. (20 marks)

 - ii) Describe the advantages of mixed method research. (5 marks)

6. Identify challenges that students face when conducting research in Sports Science and suggest solutions for the challenges. (25 marks)

END OF EXAMINATION