BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT: SPORTS SCIENCE

MASTER OF SCIENCE DEGREE IN SPORTS SCIENCE

SS507: SPORTS PERFORMANCE ANALYSIS

DURATION: 3 HOURS   **TOTAL MARKS: 100**
(Plus 15 Minutes for Practical Preparation/Case Reading)

INSTRUCTIONS TO CANDIDATES

Section A is **compulsory.**

Answer **three** questions from Section B.

NOV 2023

Section A

1. Over the years, the profession of sports performance analysis has grown tremendously the world over.

   Task:

   Discuss the role of analysts (team analyst, opposition analyst, recruitment analyst and data analyst) in the 21st century as well as tools and softwares that are important in analysis. **(40 marks).**

Section B.

2. Most Zimbabwean national football teams do not have analysts in their technical teams. As a sport scientist, you are given a task by the technical director to establish Analysis Department.

   Task:

   Discuss strategies and steps that you are going to take in helping the teams. **(20 marks).**

3. Assume you are a Sports Science Professor, and you have been tasked to deliver a Public Lecture at your Institution. The focus of the presentation is on how video analysis solutions are used in sports performance analysis research. The presentation should also address their validity and reliability.

   Task: Prepare a written draft of your presentation.   **[20 marks]**

4. Assume you are a Sports Performance Analyst and you have been asked to make a presentation focusing on how Global Positioning System (GPS) Technology is used in sports performance at a football coaching seminar.

   Task:

Prepare a draft of the notes you will use to deliver the lecture.   **[20 marks]**

5. As a sports performance analyst, you have been hired to carry out an analysis of the sports performance of the under-20 national team basketball team.

Task:

a. Explain how you would the feedback from the analysis to set goals for future development.

(10 marks).

b. Discuss the importance of feedback in sports.   **(10 marks).**

6. As a sports performance analyst you have been asked to make a conference presentation on 'pre-, live and post-match analysis in sports.

Task:

Prepare a draft of your presentation.   **[20 marks]**

END OF PAPER