



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS**

**2022/2023 ACADEMIC YEAR**

**Main exam**

**4<sup>th</sup> YEAR second SEMESTER**

**EXAMINATION FOR THE UNDERGRADUATE IN HEALTH PROMOTION AND  
SPORT SCIENCE**

**COURSE CODE: HSS 410**

**COURSE TITLE: SPORT FACILITIES AND EQUIPMENT CONSTRUCTION AND  
MANAGEMENT**

**DATE: WEDNESDAY, 19<sup>TH</sup> .APRIL,2023**

**TIME: 3.00-5.00 P.M**

---

**INSTRUCTIONS TO CANDIDATES**

**QUESTION ONE IS COMPULSORY THEN ANSWER ANY OTHER TWO QUESTIONS**

**TIME: 2 Hours**

**MMUST observes ZERO tolerance to examination cheating**



### QUESTION ONE.

- a) Explain the following concepts as applicable to sport facility and equipment design, construction and maintenance.
  - i. Construction (2marks)
  - ii. Sport Equipment (2marks)
  - iii. Recreational performance aids (2marks)
  - iv. Usage (2marks)
  - v. Maintenance (2marks)
  - vi. Indoor Facilities (2marks)
- b) State **SIX** roles of sport equipment and facility in an institution (6marks)
- c) Name **SIX** types of outdoor sports facilities (6marks)
- d) State **SIX** guidelines for selecting sport supply and equipment. (6marks)

### QUESTION TWO.

Explain **TEN** risk management plan to ensure safety of participants during an event (20marks)

### QUESTION THREE

Explain **TEN** principles involved in facility design and construction (20marks)

### QUESTION FOUR

- a) State **ten** advantages of multipurpose use of sport facilities and equipment (10marks)
- b) Outline ways of caring for the following types of special equipment
  - I. Leather goods (5marks)
  - II. Rubber balls (5marks)

### QUESTION FIVE

- a) State **SIX** regular maintenance requirements in a tennis court (6marks)
- b) Discuss **SEVEN** challenges facing sport facility management in Kenya (14marks)