



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

INSTITUTE OF OPEN LEARNING

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

**HPE 510: PLANNING, DESIGN AND MANAGEMENT OF PHYSICAL
EDUCATION FACILITIES**

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DATE: FRIDAY 4TH FEBRUARY, 2011

TIME: 9.00 A.M – 12.00 NOON

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INSTRUCTIONS

Answer Question ONE and any other TWO.

1. a) Justify the need for provision of adequate facilities for Physical Education and recreation. [10 marks]
- b) Elaborate on the management guidelines, principles and roles in the planning and construction of Physical Education and sports facilities. [20 marks]
2. a) Explain the role of an architect in the planning and construction of indoor sports facilities. [6 marks]
- b) Elaborate on the design and use of various amenity areas in an indoor sports facility. [14 marks]
3. Expound on a sports manager's responsibilities relating to the upkeep and safety in an indoor sports facility. [20 marks]
4. a) Elaborate on the rationale and requirements for maintaining sports facilities. [20 marks]
- b) Explain the disinfection and sanitization requirements and procedures of a swimming pool. [10 marks]
5. “ To ensure effective use of Physical Education and sport facilities by various groups of clients, the facility manager must plan for such use.” Elaborate on procedures, considerations and justification for this kind of planning. [20 marks]