



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE
OF BACHELOR OF ARTS IN DESIGN (INTERIOR DESIGN) WITH
INFORMATION TECHNOLOGY**

MAIN CAMPUS

ADI 401: DESIGN OF ENABLING ENVIRONMENTS

Date: 8th January, 2016

Time: 8.30 - 10.30am

INSTRUCTIONS:

- This paper consists of Section A and Section B.
- Answer ALL questions from Section A in the answer booklet (30) marks
- Answer any other TWO questions from Section B in the answer booklet provided. (20) marks each.



SECTION A- 40 MARKS

Answer ALL questions from this section in the Answer Booklet provided.

1. Suggest:
 - a. Five requirements when designing car parks. (5 Marks)
 - b. Five requirements when designing guard rails. (5 Marks)
 - c. Five requirements when designing access routes. (5 Marks)
 - d. Five requirements when designing entrances. (5 Marks)

2. Sketch an accessible door- highlighting the iron mongery. (5 Marks)
3. List considerations when:
 - a. Designing for vertical circulation. (5 Marks)
 - b. Installing handrails on ramps. (5 Marks)
 - c. Installing internal stairs. (5 Marks)

SECTION B- 30 MARKS

Attempt Any Two Questions

4. The Fourth Year Class has been invited to give a presentation on Universal Design Principles. Outline what your presentation will entail. (15 Marks)
5. The external environment around the Administration Block is to be redesigned. Discuss the balance of needs to be considered. (15 Marks)
6. Discuss considerations when designing lobbies. (15 Marks)
7. Nakumatt Supermarket has contracted Kazuri Design firm to construct washrooms in one of its branches. Suggest what the firm should consider when carrying out the exercise. (15 Marks)