



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

URBAN PLANNING AND DESIGN 2

AAR 3207

Main Examination Paper

April 2015

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: Ncube Anastance B

INSTRUCTIONS

1. Answer any **three** questions in Section **A**
2. Section **B** (Compulsory)
3. Each question carries 25 marks
4. Use eligible sketches Not to Scale (**NTS**) where necessary.

MARK ALLOCATION

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

Question One

“Urban Design is a relatively new discipline, a nexus of urban planning, architecture and increasingly, landscape Architecture.” Alex Krieger (2009).

Discuss the complimentary roles of these disciplines or professions in the development and management of the built environment.

Question Two

- a) Discuss the importance of the ‘path’ in the urban landscape. (10)
- b) As an urban designer, what importance would thresholds play in the design of a cityscape? (15)

Question Three

With aid of examples and illustrations, discuss the roles of the following urban design products:

- a) Landmarks (5)
- b) Street Furniture (5)
- c) Skylines (5)
- d) Boulevards (5)
- e) Agoras (5)

Question Four

Examine the extent to which Planning Theories cannot ignore the Doxiadis’ ekistics elements in the development and sustenance of human settlements.

Question Five

By using NUST Campus as your Case-Study **or** the cityscape of your choice, discuss how the following urban design elements influence the texture of the chosen environs;

- a) Legibility (5)
- b) Visual Continuity (5)
- c) Animation (5)
- d) Public Realm (5)
- e) Ergonomics (5)

SECTION B

QUESTION 6

Assume that your 'Urban Design Consultancy Company' has been awarded a tender to design Victoria Falls Satellite Town. By using Zimbabwe's Minimum Planning Standards, illustrate how you would design a neighbourhood and **CBD** of:

Either a) A Compact City

Or b) A Smart City.