

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE
2013-2014 ACADEMIC YEAR
PART III EXAMINATIONS – DECEMBER 2013
AAR 3106 – URBAN PLANNING AND DESIGN I

Instructions

Duration: 3 Hours

Answer any **Three** (3) Questions from Section A and Section B (compulsory)
Each Question carries 25 marks
Use freehand (**NTS**) for illustrations and examples where necessary

QUESTION 1

By using the case studies, explain how the urban structure models attempt to provide the solution to urban problems that you have studied.

[25]

QUESTION 2

Discuss the factors that determine the origins and growth of classical cities of the world and the Growth Points in Zimbabwe.

[25]

QUESTION 3

With the aid of examples, outline the extent to which colonial cities differ from ultra modern cities of the world.

[25]

QUESTION 4

Demonstrate how each of the following pairs of urban design elements and principles influence the character of the town-scape products.

- a) Colour and form [5]
- b) Line and space [5]
- c) Light and texture [5]
- d) Dominance and balance [5]
- e) Ergonomics and rhythm [5]

[25]

QUESTION 5

With reference to the urban areas you have studied, discuss how urban hierarchies are determined.

[25]

QUESTION 6

‘Strategies planning is increasingly replacing Comprehensive and Advocacy planning in the development and management of contemporary cities’. With reference to Zimbabwean municipalities unpack the validity of this statement. **[25]**