

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 – MAY 2014
AAR 3207 – URBAN PLANNING AND DESIGN II

Instructions

Duration: 3 Hours

Answer any three questions in Section A and Section B (Compulsory).
Use legible sketches Not to Scale (NTS) where necessary.

SECTION A

QUESTION 1

Identify key actors in the development and management of urban landscapes and critically examine their roles.

[25]

QUESTION 2

Demonstrate the application of the following planning theories in Zimbabwe's Urban Development Frameworks.

- a) Justificatory. [9]
- b) Procedural. [8]
- c) Substantive. [8]

[25]

QUESTION 3

With the aid of graphic illustrations, describe the steps taken in planning and designing of a small residential neighbourhood in Zimbabwe.

[25]

QUESTION 4

Explain the main important elements that are critical when designing a SMART City for a developing economy.

[25]

QUESTION 5

'Urban Sprawl is a major challenge to urban development nexus in developing countries'. Design a strong case in which the development of **either** a compact city **or** a multi- nuclei city concept can be a solution to this problem in developing urban centres.

[25]

SECTION B

QUESTION 6

By using sites visits and case studies that you have carried out in your class, plan and design any **one** major component of urban development from the following (**a-d**) projects.

- a) Pedestrian and Traffic Circulation Project.
- b) Neighbourhood **or** CBD Project.
- c) Rural Service Centre Development Project.
- d) Efficient and Cost-Effective Housing Units Project.

[25]