

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF THE BUILT ENVIRONMENT
DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE
2012-2013 ACADEMIC YEAR
PART III EXAMINATIONS – MAY 2013
AAR 3106 – URBAN PLANNING AND DESIGN I

Instructions

Duration: 3 Hours

Answer any **Three (3)** questions in Section A and Section B is compulsory.
Use sketches (**Not to Scale**) where necessary.
You may use A3 bond paper provided for section B

SECTION A

QUESTION 1

“Urban Design is the process of designing and shaping cities, towns and villages”. In the light of this statement, demonstrate how urban design interface with other disciplines in the built environment in shaping cities, towns and villages. [25]

QUESTION 2

Discuss how the three fundamental planning theories assist urban planners and designers in the ‘place making’ process. [25]

QUESTION 3

With the aid of examples, illustrate the principles and procedures that can be followed in planning and designing of the following:

- a) Neighbourhoods (10)
- b) Lower order roads (10)
- c) Central Business District (CBD) (5)

[25]

QUESTION 4

“Urban planning and design products are key in satisfying societal values”, UN habitat 2013. In respect to this statement, discuss the efficiency of allocating these products in the following systems:

- a) The state (12 ½)
- b) The market (12 ½)

[25]

QUESTION 5

Assess to what extent are the imperatives of a “SMART CITY” can be applied in Zimbabwe.

SECTION B

QUESTION 6

Choose any one of the following (**a – d**) that you have studied in details and produce a sustainable Integrated Area Plan (IAP) **or** Design (IAD):

- a) New Rural Service centre
- b) Eco-Tourism Centre
- c) Urban Recreational Facility
- d) New neighbourhood precinct

[25]

e)