



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF THE BUILT ENVIRONMENT**

**DEPARTMENT OF ARCHITECTURE**

**URBAN PLANNING AND DESIGN I**

**AAR 3106**

**Examination Paper**

**December 2017**

This examination paper consists of 2 pages

**Time Allowed: 3 hours**

**Total Marks: 100**

**Special Requirements: None**

**Examiner's Name: Mr. Q. Ndebele**

**INSTRUCTIONS**

1. Answer Question 1 and any other three **(3)**
2. Where required give examples and draw illustrations and diagrams

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	<b>25</b>
2.	<b>25</b>
3.	<b>25</b>
4.	<b>25</b>
5.	<b>25</b>
6.	<b>25</b>
<b>TOTAL</b>	<b>100</b>

### QUESTION 1 (COMPULSORY)

- a. Draw a typical layout for a Medieval European town and discuss the physical manifestations of economic, defensive and religious considerations. (15)
- b. What were the major failings of industrial cities of Europe in the Modern period? (10)

### QUESTION 2

- a. Differentiate between an Urban Precinct and a Growth point in Zimbabwe. (10)
- b. Discuss the urban design based interventions you would propose to turn a growth point in Zimbabwe into a vibrant town. (15)

### QUESTION 3

With the aid of examples, discuss the challenges of Sectoral Model planning in third world cities

### QUESTION 4

- a. What major disparities exist between colonial and ultra-modern cities? (15)
- b. Identify and illustrate 5 key features of Industrial urban cities (10)

### QUESTION 5

- a. Discuss the major challenges posed by rapid growth of infrastructure in cities (10)
- b. How does war affect urban cityscapes? (15)

### QUESTION 6

With the aid of examples describe the following types of cities:

- i. Ancient city (5)
- ii. Classic city (5)
- iii. Medieval city (5)
- iv. Neo Classic city (5)
- v. Garden City (5)