

NATIONAL UNIVERSITY OF LESOTHO
B.A SUPPLEMENTARY EXAMINATION
GES 3354 – SITE PLANNING AND DESIGN

AUGUST 2023

MARKS: 100

3 HOURS

Instructions: Answer any **four (4)** questions and where necessary illustrate your answer with the use of appropriate diagrams.

Question 1

Outline the meaning of the following concepts/terms as used in urban design.

- a) Road reserve (5)
- b) Plot (5)
- c) Urban density (5)
- d) Urban Form (5)
- e) Cul-de-sac (5)

(25 Marks)

Question 2

Explain any two advantages and two disadvantages of the radial road pattern.

(25 marks)

Question 3

- i) Explain the concept of a apartments housing plot (5)
- ii) Explain any two advantages and disadvantages a apartments plot in urban design (20)

(25 Marks)

Question 4

One of the products of the site planning process is the Site Inventory.

- i) Mention and explain any 2 components of the site inventory site planning. (12)
 - ii) Choose any one of the site inventory components in (i) above and explain how it may influence the design of a site (13)
- (25 Marks)

Question 5

Explain any 2 similarities and 2 differences between Planned Unit Development and the Environmental Area Concept.

(25 Marks)

Question 6

- a) What is the incremental adaption design (5)
- b) Explain the usefulness of incremental adaptation design (20)

(25 Marks)