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JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATION 2017/2018**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL HORTICULTURE AND LANDSCAPING TECHNOLOGY**

**ABL 2109: INTRODUCTION TO LANDSCAPE ARCHITECTURE**

**DATE: AUGUST 2018 TIME: 2 HOURS**

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

CREDIT WILL BE GIVEN FOR USE OF CLEAR SKETCHES IN SUPPORT OF ANSWERS

**QUESTION ONE: 30 MARKS**

i. Define the following terms, giving relevant examples where applicable:-

a. Elements of design. (2 marks)

b. Principles of design. (2 marks)

c. Hardscape and softscape. (2 marks)

d. Landscape design. (2 marks)

e. Garden. (2 marks)

ii. Outline the role played by parks as emphasized by Fredrick Law Olmsted. (2 marks)

iii. Outline any five functions of the Chinese gardens. (5 marks)

iv. State and explain four features of the Japanese gardens. (8 marks)

v. Describe the characteristics of English gardens. (5 marks)

**QUESTION TWO: 20 MARKS**

Dominance is the property of an object that attracts and holds attention. With the aid of clear sketches, state and explain three ways in which dominance may be achieved on landscape design.

**QUESTION THREE: 20 MARKS**

Different historic gardens have evolved over time and have been the pillars of landscape design. Discuss five uses of gardens giving examples of gardens or parks that you know are used for that purpose.

**QUESTION FOUR: 20 MARKS**

Planting design is the art of comparing plants to create a design.

a. Describe the role of plants in the landscape. (5 marks)

b. With the aid of a clear sketch plan, prepare a planting plan using a design of your choice. (10 marks)

c. Prepare a plant schedule table showing the relevant attributes.

(5 marks)

**QUESTION FIVE: 20 MARKS**

The ancient Egyptians cultivated gardens from pre-historic times. Describe the various types of Egyptian gardens.