



UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

FIRST SEMESTER EXAMINATION

FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN AGRICULTURE

ACS 401: FLORICULTURE AND LANDSCAPE HORTICULTURE

DATE: DECEMBER 5, 2016

TIME: 2:00-4:00PM

INSTRUCTIONS:

Answer Question ONE and ANY other TWO Questions

QUESTION ONE (30 MARKS)

- a) Differentiate the following terms ;
- i) Horti-therapy and Floriculture (4 marks)
 - ii) Landscape design and Landscaping (4 marks)
 - iii) Flower conditioning and Flower senescence (4 marks)
- b) With the use of diagrams, describe three containers that are used in floral arrangement. (6 marks)
- c) Describe the following plants as used in ornamental science and landscaping.
- i) Naturalized plants (2 marks)
 - ii) Accent plants (2 marks)
 - iii) Specimen plants (2 marks)
- d) Name three plants materials, stating both scientific and common name, that can be used as;

- i) Fresh cut flowers (3 marks)
- ii) Dried flowers (3 marks)

- e) Explain any six obstacles that face the floriculture industry in Kenya (6 marks)

QUESTION TWO (20 MARKS)

Bloom Agencies seek expertise in flower production, advice what qualifies a cut flower and the best site to set up a flower firm.

QUESTION THREE (20 MARKS)

- a) Discuss the procedure of flower conditioning prior to floral arrangement. (10 marks)

- b) Discuss the three main geometrical designs that form the basis of floral design. (10 marks)

QUESTION FOUR (20 MARKS)

One initial purpose of landscape design is to blend man's technology (house or building) into the natural surroundings. Discuss the following as relates to Landscape design.

- a) The roles of vegetation as an element in landscape design (10 marks)

- b) The factors that influence landscape design. (10 marks)

QUESTION FIVE (20 MARKS)

A florist intends to venture into the dried flowers market. His first option is to start by learning how to dry marigold flowers by Air drying and by using glycerin. As an expert, describe the two procedural steps to follow for the florist to achieve drying.

--END--