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University Examinations 2015/2016

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DIPLOMA IN AGRICULTURE

AGR 0222: HORTICULTURE PRODUCTION

DATE: NOVEMBER 2015

TIME: 1½ HOURS

INSTRUCTIONS: *Answer question one and any other two questions*

QUESTION ONE (30 MARKS)

- a) Explain the meaning of horticulture (2 Marks)
- b) Specify three divisions of horticulture (3 Marks)
- c) Write down three reasons that make horticulture important in Kenya (3 Marks)
- d) Explain two ways of controlling pest in horticulture (4 Marks)
- e) Give two advantages of chemical weed control over the other methods (2 Marks)
- f) What is avoidance in disease control in horticulture production (2 Marks)
- g) Outline two factors that should be considered when selecting a nursery site for horticulture crops (4 Marks)
- h) Mention 4 service providers in horticulture industry apart from Ministry of Agriculture (4 Marks)
- i) Outline two services provided by the Ministry of Agriculture to farmers in horticulture industry. (4 Marks)
- j) Explain the meaning of plant clinics (2 Marks)

QUESTION TWO (15 MARKS)

Discuss cabbage production under the following sub-headings (15 Marks)

- a) Land preparation
- b) Planting
- c) Field management practices

QUESTION THREE (15 MARKS)

Discuss pre-harvest/production factors affecting post harvest life quality of cut flowers (15 Marks)

QUESTION FOUR (15 MARKS)

Describe management practices of passion fruit production from planting up to harvesting. (15 Marks)