

**THIRD YEAR FIRST SEMESTER EXAMINATION**

**(FOR 2016/2017 ACADEMIC YEAR)**

**FOR THE DEGREE IN BACHELOR OF SCIENCE AGRICULTURE**

**COURSE CODE: HOR 331**

**COURSE TITLE: PRODUCTION AND MANAGEMENT OF HERBS AND SPICES**

**INSTRUCTIONS TO CANDIDATES**

- Answer question **ONE** and any other **THREE** questions
- **TIME: 3 HOURS**

**QUESTION ONE**

- a) There are a number of quality tests for specific herbs and spices. Describe any three of these tests giving the specific herb. (6marks)
- b) Identify any four spices and herbs and give part of the plant that is used as a spice. (4marks)
- c) Describe the different uses of herbs and spices giving several examples. (15marks)

**QUESTION TWO**

- a) Describe ginger production under the following topics:
  - i. Hilling. (3marks)
  - ii. Planting material (3marks)
- b) Outline two important uses of the Rosemary herb and identify the herb characteristics that enhances each use. (2marks)
- c) Among the spices, why and which spice is known as the King of Spices. (3marks)
- d) Discuss any two physiological disorders in Celery production. (4marks)

**QUESTION THREE**

- a) As a new garlic farmer, you need to select the garlic cultivars to grow.
  - i. What and characteristics would you take into consideration? (3marks)
  - ii. Identify the basic type of garlic and cultivar you would grow in your farm giving reasons for your selection. (6marks)
- b) Write brief notes on merit under the following topics.
  - i) Harvesting of mint. (4marks)
  - ii) The two main varieties of mint. (2marks)

#### **QUESTION FOUR**

- a) Discuss black pepper production under the following topics.
  - i) Harvesting and. (3marks)
  - ii) Post-harvest handling. (6marks)
- b) Coriander is a short-term crop (3-4 months). In view of this explain the fertilizer management of coriander. (6marks)

#### **QUESTION FIVE**

- a) Describe the different horticultural groups or types of pepper. (12marks)
- b) Differentiate between Paprika, Chilli and Pepper(s). (3marks)