



**SOUTH EASTERN KENYA UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2017/2018**

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF  
SCIENCE IN HORTICULTURE**

**ACH 302: HERBS AND SPICES**

**DATE: 15<sup>TH</sup> DECEMBER, 2017**

**TIME: 1.30 -3.30 PM**

*Instructions: Answer all questions in Section A and any two questions in section B*

**SECTION A (30 marks)**

- Q 1. Distinguish between nutmeg and mace (2 marks)
- Q2. Briefly discuss the characteristics of families to which herbs and spices belong (8 marks)
- Q3. Giving examples, explain the utilization of incense (10 marks)
- Q4. Write short notes on production and flavour development in *Vanilla planifolia* (10 marks)

**SECTION B (40 marks)**

- Q 4. Discuss the herbs and spice trade (20 marks)
- Q5. With the aid of diagrams discuss the sense of smell and taste in herbs and spices (20 marks)
- Q6. Describe the techniques for Extracting Essential Oils (20 marks)