

**MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT**

**BACHELOR OF SCIENCE IN FOREST ECOSYSTEMS MANAGEMENT**

**COURSE CODE: FEM 1104**

**COURSE TITLE: SURVEY OF THE PLANT KINGDOM**

**DATE: 31st JANUARY, 2017 TIME: 1100 – 1300 HRS**

**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions in section **A** and any other **THREE** in section **B.**

***This paper consists of 2 printed pages. Please turn over.***

**SECTION A (25 MARKS): Answer ALL questions**

1. Distinguish between gymnosperms and angiosperms  **(4 marks )**
2. With aid of well-illustrated diagram describe Life cycle of a moss 5 marks
3. Enumerate the economic importance of gymnosperms **(4 marks)**
4. Describe Angiosperm life cycle **(5 marks)**
5. Algae may be the unexploited food sources for a storing world. Explain

**(4 marks)**

1. Pteridophytes have been problematic to Kenyans for many years. Explain.

**(3 marks)**

**SECTION B (45 MARKS): Answer ANY THREE questions**

7. Discuss the procedure for collection and preservation of tree specimens in herbarium**. (15marks)**

8. Describe the economic importance of fungi  **(15 marks)**

9. Over 800 plant species in Kenya have potential economic uses. With aid of examples justify this statement.  **(15 marks)**

10. Plant identification schemes use a number of tools to achieve the purpose. In brief describe various tools used in identification of plants **(15 marks)**

11. Describe the bacterial cell structure **(15 marks)**   **(15 marks )**

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