

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**FOURTH YEAR FIRSTSEMESTER**

**SCHOOL OF SCIENCE**

**BACHELOR OF SCIENCE**

**COURSE CODE: BOT 417**

**COURSE TITLE:** **ECONOMIC BOTANY**

**DATE:** 1/30/2017 **TIME:** 1100-1300hrs

**INSTRUCTIONS TO CANDIDATES**

1. **Answer ALL the Questions in Section A**
2. **Answer ANY TWO Questions in Section B**

*This paper consists of 3**printed pages. Please turn over.*

**SECTION A:** ANSWER **ALL** QUESTIONS **(30 MARKS)**

1. Briefly describe the scope of Economic Botany (3marks)

2. Illustrate a diagrammatic relationship among economic botany, Ethnobotany, agriculture, forestry and horticulture (3marks)

3. List three indigenous forest species and their economic importance     (3marks)

4. giving examples, outline the economic importance of plants (3 marks)

5. List three threatened species and cause of threat (3 marks)

6.State three centers of origin of crops as proposed by French systematic botanist (3 marks)

7. Explain what Agricultural revolution entailed. (3 marks)

8. Describe key features that distinguished domesticated plants from wild plants (3 marks)
9. Highlight three beverage crops grown in Kenya and state their origin. (3 marks)

10.Define horticulture and cite two examples of its economic importance **(**3 marks)

**SECTION B:** ANSWER ANY OTHER **TWO** QUESTIONS **(40 MARKS)**

11. Discuss the Botany of wild and semi cultivated crops in Kenya (20 marks)

12. Discuss origin, historical development and economic importance of coffee.    (20marks)

13. Write an essay of what Economic Botany is and its History (20marks)

14. Discuss the origin of Agriculture (20 marks)

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