



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF SCIENCE IN FORESTRY**

**COURSE CODE: FOR 423
COURSE TITLE: FOREST EXTENSION**

DATE: 25TH APRIL, 2018

TIME: 0830 - 1030HRS

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: ANSWER ALL QUESTIONS IN SECTION (25 Marks)

1. Define the following terms as used in Forestry and Extension
(5 marks)
 - i. Forestry Extension
 - ii. Community forestry
 - iii. Diffusion
 - iv. Rural Appraisal
 - v. Rural Credit
2. Identify the necessary **major** skills and knowledge for a Forestry Extension Officer **(3 marks)**
3. Explain briefly five **stages** of adult learning **(5 marks)**
4. a) Explain **three main** objectives of forestry extension **(3 marks)**
b) Identify the roles of government in forestry extension **(3marks)**
5. Identify the specific techniques used in forestry extension **(6 marks)**

SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)

- 6 a) What do you understand by extension education **(2 marks)**
b) Describe **major** methods of forestry extension and education
(13 marks)
- 7 The extension work is based upon some working principles and the knowledge of these principles is necessary for an extension worker. Discuss some of these principles, as related to forestry / agroforestry / agriculture.
(15 marks)
- 8 a) Explain the philosophy in forestry extension **(2 marks)**
b) Discuss the philosophy of extension education according to Ensminger
(13 marks)
- 9 a) Explain five factors that influence adoption of extension knowledge by the farmers
(5 marks)
b) Briefly describe contemporary issues in forestry in Kenya and around the world
(10 marks)
10. Discuss the principles of adult learning as used in forestry extension and education
(15 marks)

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