



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE & TECHNOLOGY

SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCES

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PLANT
ECOLOGY**

1ST YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

MAIN CAMPUS - REGULAR

COURSE CODE: SBT 803

COURSE TITLE: HERBARIUM PRACTICE

EXAM VENUE: LR 1

STREAM: (MSC)

DATE: 24/04/17

EXAM SESSION: 2.00 – 5.00 PM

TIME: 3 HOURS

Instructions:

- 1. Attempt ALL questions in Section A and Any two questions in Section B**
 - 2. Candidates are advised not to write on the question paper**
 - 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**
-

SECTION A: SHORT ANSWER QUESTIONS (30 MARKS)

1)

- a) Briefly explain what you understand by the term ‘Plant Specimen’. (6 marks)
- b) Outline how sorting and filing of specimens is done in a standard herbarium. (6 marks)
- c) State the information one can obtain from a herbarium specimen label (6 marks)
- d) State what you understand by ‘herbarium’. (6marks)
- e) Give an account of the historical development of herbaria in the world. (6 marks)

SECTION B: ESSAY QUESTIONS (30 MARKS)

- 2) Describe the preparation of plant specimens for deposit as herbarium voucher specimens (15 marks)
- 3) Discuss the changing nature of the herbarium and its future. (15 marks)
- 4) Describe the activities involved in the operation and maintenance in a herbarium. (15marks)
- 5) Give a detailed account of standard specimen collection procedure. (15 marks)