

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCES

UNIVERSITY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

4th YEAR 2nd SEMESTER 2018/2019 ACADEMIC YEAR

MAIN CAMPUS - REGULAR

COURSE CODE: SBI 3422

COURSE TITLE: MEDICINAL AND POISONOUS PLANTS

EXAM VENUE: STREAM: (BSc BIO)

DATE: 26/4/19 EXAM SESSION: 12.00 – 2.00PM

TIME: 2 HOURS

INSTRUCTIONS:

- 1. Answer all questions in Section A and any TWO questions in Section B
- 2. Candidates are advised not to write on the question paper
- 3. Candidate must hand in their answer booklets to the invigilator while in the examination room

SECTION A (30 MARKS)

1. State the role of a traditional healer in a traditional society. 3 marks

2. Explain any three signs indicating that medicinal plants are fast disappearing. 3 marks

3. Explain why air drying as the preferred method for herbal preparations. 3 marks

4. Name three plants that cause poisoning to livestock and one poisoning symptom for each.

3 marks

5. List any three advantages of the use of herbal medicine. 3 marks

6. Differentiate between pharmacognosy and pharmacology. 3 marks

7. Distinguish between drenching and drinking in traditional veterinary medicine.

3 marks

3 marks

3 marks

3 marks

SECTION B (40 MARKS SELECT ANY TWO)

8. List three methods of drug application.

11. Explain how traditional knowledge on medicinal plant use is acquired and transmitted in Kenya.

20 marks

9. Distinguish between traditional birth attendant and traditional surgeon.

10. List three negative aspects of the use of medicinal plant use.

- 12. Give a historical account of the development and use of medicinal plants. 20 marks
- 13. Discuss common methods of drug preparation drug preparation across traditional cultures in Kenya.

 20 marks
- 14. Citing relevant examples, give an account of active ingredients in commonly used drug plants.

 20 marks