



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF SCIENCE

(ANIMAL HEALTH)

SZH 311: PHARMACOGNOSY

DATE: Monday 2nd April 2012

TIME: 11.00a.m – 1.00p.m

INSTRUCTIONS

Answer All Questions in section A and any One Question in section B. Use well labelled diagrams to illustrate your answer where appropriate.

SECTION A: Answer ALL Questions (40 marks)

1. Define the term pharmacognosy and explain its scope.
2. Explain how herbal preparations for medicine use are prepared.
3. Explain the term indigenous systems of medicine and give two examples.
4. Outline the taxonomical classification of medicinal plants.
5. Differentiate between organized and unorganized crude drugs.
6. State any five phytochemicals found in medicinal plants.
7. Explain the meaning of the term adulteration of crude drugs and state three ways through which it occurs.
8. Name one medicinal plant, state its chemical composition and pharmacological properties.

SECTION B: Answer any one question (30 marks)

9. Discuss preparation of crude drugs for the market under the following headings:-

- a) Collection
- b) Harvesting
- c) Drying
- d) Garbling
- e) Storage and preservation

10. Describe evaluation of drugs under the followings

- a) Organoleptic
- b) Microscopic
- c) Physical
- d) Chemical