

BOWEN UNIVERSITY, IWO
DEPARTMENT OF BIOLOGICAL SCIENCES

2010/2011 FIRST SEMESTER EXAMINATION
PLB 309: MEDICINAL PLANTS

Answer the **only** question in section A and two questions from section B.

Time: 2hrs

SECTION A

1. (a) Describe how medicinal plant specimens are prepared under the following:
- (i) Collection
 - (ii) Pressing
 - (iii) Drying
 - (iv) Poisoning
- (b) What information would you expect on a field note?
- (c) How do you identify a medicinal plant?
- (d) What features will make a specimen an asset to the herbarium?
(30 Marks)

SECTION B

2. (a) What are medicinal plants?
- (b) Give an example of a disease that can be cured by traditional medicine and enumerate two recipes for the cure. Dosage should also be stated.
(20 Marks)
3. (a) Discuss how you will gather medicinal information in a rural community.
- (b) State reasons why rural dwellers have preference for herbal preparations rather than orthodox drugs.
(20 Marks)
4. Describe a procedure for the extraction of medicinal compounds from plant materials.
(20 Marks)
5. Discuss traditional modes of drug application to patients.
(20 Marks)