

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE (SPECIAL DEGREE) LEVEL I/II (SEMESTER I)  
EXAMINATION June/July 2016

SUBJECT: BOTANY

COURSE UNIT: BOT4181 (Herbarium Methodologies)

Time: 1 hr

Answer all questions.

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(10 marks)

- A. Herbarium specimens should be stored in
- The refrigerator
  - The laboratory
  - The attic
  - A climate-controlled room
- B) Herbarium specimen folders can be organized by
- Family, genus and species alphabetically
  - Genus and species alphabetically
  - Collection, locality, family, genus and species
  - All of the above
- C) The following information should be always included in your specimen label
- The weather
  - collector's date of birth
  - time of the day
  - collector's name
- D) To identify a plant, it is helpful to have which of the following tool
- Tweezers
  - Small pick
  - Hand lens
  - Water dropper
  - All of the above
- E) Which one is not useful for collecting plants making herbarium
- Flower guide
  - Mettle washers
  - Spade
  - Plastic bags

2. What is a botanical garden?

**(10 marks)**

3. Fill in the table giving 5 top botanical gardens in the world

**(20 marks)**

Name of the Botanical garden	Country

4. Mention the different types of herbaria

**(10 marks)**

5. What are the factors to be considered when collecting a plant sample for preparing a herbarium?

**(30 marks)**

6. 'Botanical gardens serve as centers for research and education' Discuss this.

**(20 marks)**