

SCHEME OF SERVICE

Qualification: The Sir Seewoosagur Ramgoolam Botanic Garden Trust

Post: Botanist

Salary:

Qualifications: A. A Cambridge Higher School Certificate or Passes in at least two subjects obtained on one certificate at the General Certificate of Education “Advanced Level” or an equivalent qualification acceptable to the Board.

B. A degree in Botany or any other related field or an equivalent qualification acceptable to the Board.

C. A master’s degree in Botany or an equivalent qualification acceptable to the Board.

D. The Internet and Computing Core Certification (IC3) with knowledge of office package or documentary evidences of any approved IT proficiency programme followed acceptable to the Board.

E. Candidates should also –

(i) be able to apply professional principles, methods, procedures and techniques of botany;

(ii) have a high degree of commitment and dedication to plant conservation;

(iii) be able to work in a team; and

(iv) have good communication, leadership and problem-solving skills.

Qualification at A above should have been obtained prior to qualification at B above.

Duties:-

1. To identify and label all plants at the Sir Seewoosagur Ramgoolam Botanic Garden.

2. To create a Herbarium and liaise with the Mauritius Herbarium for same.

3. To study, monitor, classify and keep accurate records of plant species with their location.
4. To use computer software packages to record, analyse and interpret data and write reports.
5. To assist in the propagation of plants and in the running of the Nursery.
6. To maintain a seed gene bank.
7. To prepare an index seminum for the Sir Seewoosagur Ramgoolam Botanic Garden.
8. To promote public awareness on plants through talks, tours, displays and workshops and to liaise with the media.
9. To keep contact with Botanists/Scientists at the international level.
10. To liaise with scientific bodies, both locally and overseas, dealing with pests and diseases.
11. To prepare newsletters on botanic/scientific aspects every four months.
12. To train and supervise subordinate staff and coordinate their work.
13. To use scientific equipment and various types of microscopes and staining processes.
14. To provide technical expertise and direction for botany, threatened and endangered plants and vegetation monitoring at the Sir Seewoosagur Ramgoolam Botanic Garden.
15. To develop and maintain information about rare plants.
16. To develop and utilize a network of local and international experts on botany.
17. To conduct fieldwork to coordinate efforts to identify, protect and manage rare plants.

- 18.To develop appropriate research proposals and collect and classify plant samples for research.
- 19.To identify rare and endangered plants and plant communities, examine the causes of endangerment and coordinate protective actions.
- 20.To perform such other duties directly related to the main duties listed above or related to the delivery of the output and results expected from Botanists in the roles ascribed to them.