

NATIONAL LABORATORY SERVICES JOB DESCRIPTION

POST: MEDICAL TECHNOLOGIST

GRADE : PMG/MTS1

MINISTRY OF HEALTH

NATIONAL PUBLIC HEALTH LABORATORY

SCOPE OF POSITION

Performs analytical laboratory testing of body, fluids, tissues, water samples, dairy samples, blood samples, stool, urine, sputum, swabs and food products to provide data for use in the identification of pathogens and the diagnosis and treatment of diseases.

This is the first level of professional Medical Technology work, done under the supervision of a higher level Medical Technologist. Accountable to the level 2 Technologist

DESCRIPTION OF DUTIES AND RESPONSIBILITIES

1. Receives samples, records description, prepares slides, stains tissues, and makes microscopic examination. Prepares bacteriological media to be used in propagating cultures. Prepares simple reagents for use in clinical laboratory tests.
2. Cultivates pathologic bacteria and other micro organisms for detection and identification of diseases such as typhoid, cholera, tuberculosis, diphtheria.
3. Takes blood samples, carries out qualitative screen of all blood serum, performs tests to identify abnormalities such as sickle cell anemia, Coagulation disorders, hypertension and diabetes.
4. Prepares films of blood to determine white blood cells differential cell count. Identifies blood group.

5. Prepares serological samples to provide qualitative and quantitative analysis of antibodies to specific diseases.
6. Keeps files of tests completed and maintain laboratory equipment.
7. Gives guidance to Technical Assistant and evaluates job functions of the Technical Assistant and submits evaluation to the level 2 technologist for review.
8. Duty Officer for Emergency Duties.
9. Participates in local and overseas seminars, workshops and conferences.

MINIMUM REQUIREMENTS

- (A) A Degree in Medical Technology attained from UTECH, West Indies College or other reputable Institutions within the Region or Internationally plus completion of the prescribed period of Internship.

EXPERIENCE

- Knowledge of Management practices and two (2) years experience in a clinical laboratory.
- Any equivalent combination of education and experience.

KNOWLEDGE AND SKILLS

- Knowledge of the fundamentals of Clinical Chemistry, Microbiology, Histopathology, Blood Banking, Haematology and Cytology.
- Knowledge of standard laboratory techniques and procedures.
- Extensive knowledge of the care and preservation of specimens.
- Knowledge of the care and maintenance of laboratory equipment.
- Applies knowledge in the principles of methodology.
- Ability to accurately perform standard laboratory procedures, and to observe results.
- Ability to recognize human tissue and fluids.
- Demonstrates professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals and with the public.

- Skills in operating laboratory equipment and apparatus.
- Skills in collecting specimens efficiently and painlessly.

RECOMMENDED MEMBERSHIP

- (1) Membership in the Caribbean Association of Medical Technologists (CASMET).
- (2) Other memberships in similar professional associations.

SPECIAL REQUIREMENTS

Registration by the Council of Professions Supplementary of Medicine.

Signed by:

Director of National Laboratory Service

Employee :

DATE :