

**FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI**  
**SCHOOL OF SCIENCE**  
**DEPARTMENT OF SCIENCE LABORATORY TECHNOLOGY**

**RAIN SEMESTER EXAMINATION: 2013/2014**

**STM 304: Medical Microbiology**

**Time: Allowed: 3 Hrs**

**Date:**

**Instruction:** Attempt Any Five Questions

**Question 1:**

What is a disease? List five different diseases you know and state their specific causes.

**Question 2:**

Write briefly on

- i. Pathogenic Bacteria
- ii. Fungi and
- iii. Viruses.

**Question 3:**

List three forms of culture media and give one example of specific culture medium of each form.

**Question 4 :**

What are the clinical samples? Give two examples of isolates of each.

**Question 5:**

List four different clinical laboratories you know and give two examples of equipment(s) used by them.

**Question 6:**

Outline necessary bacterial growth factors.

**GOOD LUCK**