

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF PHYSICAL SCIENCE (SOPSC)
DEPARTMENT OF SCIENCE LABORATORY TECHNOLOGY
RAIN SEMESTER EXAMINATION: 2014/2015
GLT 202: HAZARDS AND SAFETY IN THE LABORATORY
TIME ALLOWED 2 HOURS DATE

INSTRUCTION: ANSWER ANY FIVE QUESTIONS

Question 1

What are hazards? Classify them and what are the remedial measures to be put in place to forestall such incidences?

20 marks

Question 2

Write short notes on the following terms:-

- (i) Containment
- (ii) Infection
- (iii) Disease
- (iv) Accident

20 marks

Question 3

What is the utmost aim of "First Aid Service" in the laboratory? State clearly the procedural approach in handling an accident victim in the laboratory which requires resuscitation.

20 marks

Question 4

What is a laboratory? List five equipment used in a microbiology laboratory. State their principles of operation.

20 marks

Question 5

List five clinical laboratories you know and outline the hierarchical order of staff that work in them.

20 marks

Question 6

State safety measures adopted in the cause of working in the laboratory, highlighting on the various levels of personal protective equipments (PPE).

20 marks

Good Luck