Instructions to Candidates:
You should have the following for this examination
-  Answer booklet
Answer question ONE (COMPULSORY) and choose any other TWO questions
This paper consist of TWO printed pages
QUESTION ONE

a) Describe the term first aid and give the scope of first aider (6 marks)
b) Explain the following terms:
   i) Emetat (2 marks)
   ii) Demulcent (2 marks)
   iii) Laxative (2 marks)

c) Name and draw a vessel used to store cryogenic fluids (6 marks)
d) Explain how glass can be made chemically clean (6 marks)
e) List at least 6 laboratory clotting used as safety precaution (6 marks)

**QUESTION TWO**

Briefly disens good laboratory habits that any worker should exhibit while working in a laboratory (20 marks)

**QUESTION THREE**

a) State any FOUR hazards associated with use of cryogenic fluid and explain how the said hazard can be avoided (12 marks)
b) Give FOUR applications of cryogenic fluids (4 marks)

**QUESTION FOUR**

a) Define glass (2 marks)
b) Differentiate between soft glass and hard glass (4 marks)
c) Explain the manufacture of glass (10 marks)
d) Explain how a glass tubing can be cut (4 marks)

**QUESTION FIVE**

a) Draw a Twin Lens Reflex camera and explain working principle (10 marks)
b) Draw and label a film structure giving the purpose of each part (10 marks)