**CLINICAL PATHOLOGY I**

**DATE 26/04/2022**

**C.A.T (TIME: 1HR)**

***ESSAY QUESTIONS***

QUIZ 1.

A 68 year old Mr. James Leilei who is a retired teacher is brought to casualty department with history of shortness of breath, orthopnea, palpitations, chronic cough with frothy-pinkish sputum, distended jugular veins and bilateral pedal pitting oedema.

1. What is likely diagnosis (2 marks)
2. List 5 differential diagnosis (5 marks)
3. Discuss the pathophysiology of the diagnosis (5 marks)
4. List 3 key investigations and their importance (3 marks)
5. List 5 risk factors for Mr. Leilei (5 marks)

Quiz 2.

An 84 year old businessman, who is known hypertensive and diabetic, chronic smoker presents with complains of severe acute stabbing sub-sternal pains, radiating along the right shoulder.

1. What is the likely diagnosis? (2marks)
2. Discuss the pathophysiology of this condition(5 marks)
3. List 3 key investigations and highlight their importance (3 marks)
4. List 4 differential diagnosis (4 marks)
5. List 6 non-modifiable risk factors for this condition ( 6 marks)