



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF ENVIRONMENTAL SCIENCES**

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

**BACHELOR OF SCIENCE HONOURS DEGREE IN ENVIRONMENTAL SCIENCE  
AND HEALTH**

**ENVIRONMENTAL PORT HEALTH**

**ESH 4217**

**Final Examination Paper**

**March 2025**

This examination paper consists of 2 pages

**Time Allowed:** 3 hours  
**Total Marks:** 100  
**Special Requirements:** None  
**Examiner's Name:** Mr T Dzinomwa

**INSTRUCTIONS**

1. Answer any **four** questions.
2. Each question carries 25 marks
3. Where the question is subdivided, part marks are indicated in brackets at the end of the sub question.

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
<b>TOTAL</b>	<b>100</b>

**Question One**

International Health Regulations help harmonise port health regulations from country to country. Discuss the above statement giving the advantages and disadvantage of IHR to both developed and developing countries.

**Question Two**

- a) List diseases of importance at a port of entry according to Port Health Regulations. [8]
- b) Giving examples describe the control procedure of at least four diseases of importance at the port of entry. [17]

**Question Three**

Illustrate the processes of aircraft disinsection and disinfection at the port of entry.

**Question Four**

Discuss the procedures of importing human remains suspected to have died of infectious disease. What are the advantages and disadvantages of the procedure?

**Question Five**

Explain the core functions of a Port Health Officer in Zimbabwe (PHO). What are the challenges faced by PHO when executing their duties.

**Question Six**

With the aid of a diagram express your argument for the ONE HEALTH concept.