



**UNIVERSITY OF SWAZILAND**  
**Faculty of Health Sciences**

**DIPLOMA IN ENVIRONMENTAL HEALTH**

**FINAL EXAMINATION PAPER 2007/2008**

<b>TITLE OF PAPER</b>	<b>:</b>	<b>COMMUNICABLE DISEASES</b>
<b>COURSE CODE</b>	<b>:</b>	<b>EHS 311</b>
<b>DURATION</b>	<b>:</b>	<b>2 HOURS</b>
<b>MARKS</b>	<b>:</b>	<b>100</b>
<b>INSTRUCTIONS</b>	<b>:</b>	<b>READ THE QUESTIONS &amp; INSTRUCTIONS CAREFULLY</b>
	<b>:</b>	<b>ANSWER ANY FOUR (4) QUESTIONS</b>
	<b>:</b>	<b>EACH QUESTION CARRIES 25 MARKS</b>
	<b>:</b>	<b>WRITE NEATLY &amp; CLEARLY</b>
	<b>:</b>	<b>NO PAPER SHOULD BE BROUGHT INTO NOR OUT OF THE EXAMINATION ROOM</b>
	<b>:</b>	<b>BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER</b>

**DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR**

## COMMUNICABLE DISEASES FINAL EXAMINATION

ANSWER ANY FOUR QUESTIONS

### QUESTION 1

- a. Discuss the FOUR modes of prevention (8marks)
- b. What are the two major types of infectious diseases which can develop into epidemics and give examples (4 marks)
- c. Mention the TWO common classification of diseases and give examples (4 marks)
- d. Briefly discuss THREE signs and symptoms of rabies (9 marks)

[25 Marks]

### QUESTION 2

Discuss FIVE Factors that influence the transmission and impact of communicable diseases (25 marks)

[25 Marks]

### QUESTION 3

Discuss the FIVE intervention strategies in disease control (25 marks)

[25 Marks]

### QUESTION 4

- a) Briefly discuss FIVE prevention and Control measures of the following diseases (20 Marks)
  - a. Cholera
  - b. Tuberculosis
- b) Discuss ONE main component in defining an epidemic (5 Marks)

[25 Marks]

### QUESTION 5

Discuss the following on HIV/AIDS

- a. Infectious/causative agent (5 marks)
- b. Mode of transmission (5 marks)
- c. Susceptibility and resistance (5 marks)
- d. Five methods of prevention and control (10 marks)

[25 Marks]

QUESTION 6

a. Fill the missing in the table below:

Name of disease in man	Infectious agent	Mode of transmission	Occurrence
Cholera	a.	b.	c.
d.	<i>Lyssa virus – Rhabdovirus</i>	e.	f.
Chancroid	g.	h.	i.
j.	<i>Varicella-zoster virus</i>	k.	l.
Tuberculosis	m.	n.	o.

b. Briefly discuss FIVE prevention and control strategies of bubonic plague (10 marks)

[25 Marks]