

**UNIVERSITY OF SWAZILAND**  
**Faculty of Health Sciences**  
**DIPLOMA IN ENVIRONMENTAL HEALTH**  
**SUPPLEMENTARY EXAMINATION PAPER 2012**

<b>TITLE OF PAPER</b>	<b>:</b>	<b>RURAL EXCRETA DISPOSAL METHODS</b>
<b>COURSE CODE</b>	<b>:</b>	<b>EHS 216</b>
<b>DURATION</b>	<b>:</b>	<b>2 HOURS</b>
<b>MARKS</b>	<b>:</b>	<b>100 MARK</b>
<b>INSTRUCTIONS</b>	<b>:</b>	<b>READ THE QUESTIONS &amp; INSTRUCTIONS CAREFULLY</b>
	<b>:</b>	<b>ANSWER ANY FOUR 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**

**QUESTION ONE**

1. Explain five obstacles an EHO may face in trying to provide sanitation in a rural community and how each of these obstacles may be overcome [15marks]
2. Indicate to what extent each of the following statement is correct or incorrect and briefly explain why (three to five lines per statement)
  - a. Food shortage is related to improper excreta disposal [5 marks]
  - b. It is debatable whether a septic tank falls under the privy method or sewerer method of excreta disposal [5 marks]

**QUESTION TWO**

1. Explain in what way quantities of human faeces get influence by local, physiological, cultural & religious, conditions [15 marks]
2. Sketch out a double pour flush latrine plan and outline advantages of using this type of latrine [10 marks]

**QUESTION THREE**

1. Explain how you with go about in organizing communities for communal construction of sanitary accommodation for excreta disposal in rural areas and small communities in Swaziland [20 marks]
2. What is the value of using participatory approaches in rural excreta disposal systems? [5 marks]

**QUESTION FOUR**

1. Mention five characteristic of excreta [5 marks]
2. What are five effects of indiscriminate excreta disposal [5 marks]
3. Write notes on health, nuisance and excreta disposal [15 marks]

**QUESTION FIVE**

1. You are assigned at Sithobela as your area of jurisdiction. A certain head of homestead has approached you for advice as he wants to build his new VIP latrine. His problem is that he uses a spring in summer and a bore hole in winter. All these are located within his compound. The other problem is that the water table in this area is very high. What advice would you give? [15 marks]
2. Using a sketch describe how a septic tank works [10 marks]