

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

DIPLOMA IN ENVIRONMENTAL HEALTH
SUPPLEMENTARY EXAMINATION PAPER 2010

TITLE OF PAPER : RURAL EXCRETA DISPOSAL

COURSE CODE : EHS 216

DURATION : 2 HOURS

MARKS : 100 MARK

INSTRUCTIONS : READ THE QUESTIONS & INSTRUCTIONS CAREFULLY

: ANSWER ALL QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

: WRITE NEATLY & CLEARLY

: NO PAPER SHOULD BE BROUGHT INTO NOR OUT OF THE EXAMINATION ROOM

: BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER

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

QUESTION ONE

A) Discuss five obstacles an Environmental Health Officer may face in trying to provide sanitation in a rural community and how each of these obstacles may be overcome [15]

B) Indicate to what extent each of the following statements is correct or incorrect and briefly explain why (three to five lines per statement)

1. Food shortage is related to improper excreta disposal [5]

2. It is debatable whether a septic tank falls under the privy method or sewer method of excreta disposal [5]

QUESTION TWO

A) Explain in what way quantities of human faeces get influenced by local, physiological, cultural & religious conditions [20]

B) Sketch out a double pour flush latrine plan and outline advantages of using this type of latrine [5]

QUESTION THREE

A) Explain what needs to be done in order to achieve success in programmes of excreta disposal in rural areas and small communities [20]

B) What is the value of using participatory approaches in rural excreta disposal systems? [5]

QUESTION FOUR

A) Describe characteristics of excreta [5]

B) What are the effects of indiscriminate excreta disposal [5]

C) Write notes on health, nuisance and excreta disposal. Use a sketch to demonstrate your understanding of this subject area. [15]
