



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE
FACULTY OF BUSINESS AND SOCIAL STUDIES

DEPARTMENT OF LIBERAL STUDIES AND COMMUNITY DEVELOPMENT

CERTIFICATE IN COMMUNITY DEVELOPMENT AND COUNSELING CCDC A09

END OF SEMESTER EXAMINATIONS

APRIL/MAY 2010 SERIES

CCD 125 : ENVIRONMENTAL HEALTH EDUCATION

TIME: 2 HOURS

Instructions

1. Question **ONE** is Compulsory
2. Answer any other **TWO** Questions

Question ONE

- (a). Discuss by giving examples what you understand by the term Environment. **(8 Marks)**
- (b). Water can affect health in a number of ways. Explain how water is responsible for causing different type of diseases and give examples. **(6 Marks)**
- (c). Name **FOUR** types of water. Describe sources of water contamination. **(6 Marks)**
- (d). Explain the steps followed in Large Scale treatment of water for urban consumption. **(10 Marks)**

Question TWO

- (a). (i). Explain the **FOUR-F** connection in disease transmission. **(5 Marks)**
- (ii). List **SIX** advantages of pit latrines in rural areas. **(6 Marks)**
- (b). Discuss methods available for refuse disposal. **(9 Marks)**

Question THREE

- (a). By use of a diagram, explain how the septic tank work in water-borne sewage treatment. **(8 Marks)**
- (b). Discuss how the following Vectors in the Village can be controlled;
- (i). Houseflies **(4 Marks)**
- (ii). Rodents **(4 Marks)**
- (iii). Mosquitoes **(4 Marks)**

Question FOUR

- (a). Define;
- (i). Excreta **(2 Marks)**
- (ii). Sewage **(2 Marks)**
- (iii). Pit Latrine **(4 Marks)**
- (b). Explain **TWO** important consideration when sitting a Pit Latrine. **(4 Marks)**
- (c). Briefly explain the protection of a well. **(8 Marks)**

Question FIVE

Describe municipal sewage treatment method with special emphasis on activated sludge process. **(20 Marks)**