



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Business & Social Studies

DEPARTMENT OF LIBERAL STUDIES, COMMUNITY DEVELOPMENT &
COUNSELING

DIPLOMA IN COMMUNITY DEVELOPMENT & COUNSELLING

(DCDC J08)

ENVIRONMENTAL HEALTH EDUCATION

END OF SEMESTER EXAMS

SERIES: APRIL/MAY 2010.

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

1. You need to have the following for this examination.
 - Answer booklet.
2. The paper consists of **TWO** Sections **A** and **B**.
3. Section A is **COMPULSORY** and carries 30 marks.
4. Answer any **TWO** from Section **B**, each carries twenty marks.

SECTION A

Answer **ALL** questions from this Section – 30 marks

- Q.1 (a) (i) Explain the use of composting as a method of solid waste disposal. (5 marks)
- (ii) Define the term sewage and briefly state the aims of the stages involved in sewage treatment. (4 marks)
- (b) State and define the sanitary classes of water. (6 marks)
- (c) Explain how the following concepts are relevant to the study of environmental health.
- (i) Risk and Benefits. (4 marks)
- (ii) Community Resources and Action. (4 marks)
- (d) Outline the role of environmental health education in the primary prevention of disease in a community. (7 marks)

SECTION B

Answer any **TWO** questions from this Section – 40 marks

- Q.2 (a) State briefly how the emission of carbon dioxide is responsible for global warming effect. (4 marks)
- (b) Outline the forms of pollution noted commonly in Kenya. (16 marks)
- Q.3 (a) Discuss the concepts about waste management. (9 marks)
- (b) Define the term toxicity and outline the toxicity scale used in environmental health study. (9 marks)
- (c) List **FOUR** major sources of contamination of foods. (2 marks)
- Q.4 Briefly outline the use of the following in the treatment of liquid wastes.
- (a) Activated sludge (10 marks)
- (b) Anaerobic digester. (10 marks)