

KENYA POLYTECHNIC UNIVERSITY COLLEGE

SCHOOL OF HEALTH SCIENCES AND TECHNOLOGY

DEPARTMENT OF COMMUNITY AND PUBLIC HEALTH

DIPLOMA IN COMMUNITY AND PUBLIC HEALTH

END OF STAGE 1 EXAMINATIONS

NOVEMBER 2011

HEALTH EDUCATION

TIME 2 HOURS

Instructions to candidates

This paper consists of two sections A and B

Section A is compulsory – Answer **ALL** questions in this section

Answer any **THREE** questions from section B

This paper consists of 2 printed pages

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SECTION A – Compulsory

Answer ALL questions in this section

- 1 a). i) Outline FIVE reasons why outbreaks of infection have increased (5 Marks)

ii) Outline FIVE effects of Marijuana experienced by drug abusers (5 Marks)
- b) i) Explain the terms ‘health’ and ‘disease’ (2 Marks)

ii) Name FOUR common symptoms of mental illness (4 Marks)

iii) Explain the use of medication as a treatment for mental illness (4 Marks)
- c) Discuss opportunistic infections in HIV/AIDS (10 Marks)
- d) State any THREE forms of pollution and describe how each affects the environment. (10 Marks)

SECTION B

Answer any THREE questions in this section

2. a) Explain the various routes through which an infectious agent can escape from a reservoir (10 Marks)

b) Explain the following terms
i) Immunity (2 Marks)
ii) Epidemiological transition (2 Marks)
iii) Sub clinical stage of disease (2 Marks)
iv) Degenerative disease (2 Marks)
v) Drug dependency (2 Marks)
3. Discuss the various methods of communicable disease control. (20 Marks)
4. a) Name the different types of ARVs available and describe how each attacks the HIV virus (15 Marks)

b) Discuss Voluntary Counseling and Testing (VCT) in the management of HIV/AIDS (5 Marks)
5. Discuss obesity as a lifestyle disease under the following headings:
i) Definition (2 Marks)
ii) Causes (5 Marks)
iii) Signs and symptoms (8 Marks)
iv) Prevention and control (5 Marks)