

Jaramogi Oginga Odinga University of Science and Technology

School of Health Sciences

Diploma in Community Health and Development

HDC 2215: Community Water Supply

Second year first semester exams

ANSWER ALL QUESTIONS (3 marks each)

- a. Mention 3 sources of water
- b. Distinguish between sanitation and Hygiene?
- c. What is the faecal oral route?
- d. Mention the causative organism of each of the following water and excreta borne diseases
(i) Cholera (ii) trachoma (iii) schistosomiasis
- e. What is open-field defecation
- f. Discuss the routes of infection from excreta to a new host
- g. List two methods of water carriage system of excreta disposal
- h. What is point-of-use water treatment?
- i. Mention 3 uses of water
- j. What is water pollution

Section B

Answer any two questions from this section

1. Discuss 5 causes of water pollution (15 marks)
2. Discuss five different ways in which water could be made safe for different uses in the community (15 marks)
3. Discuss any four excreta related diseases with more emphases on the cause, symptoms, transmission and prevention (15 marks)
4. Outline three types of conservancy system of excreta disposal and discuss their advantage and disadvantages of each system (15 marks)