



**CHRISTIAN SERVICE UNIVERSITY COLLEGE
KUMASI, GHANA
FACULTY OF HEALTH & APPLIED SCIENCE
DEPARTMENT OF PHYSICIAN ASSISTANSHIP STUDIES
BSC. PHYSICIAN ASSISTANTSHIP STUDIES (MEDICAL)
END OF FIRST SEMESTER – 2018/19 ACADEMIC YEAR EXAMINATIONS**

LEVEL 200

PACS 203: COMMUNITY HEALTH 1

THEORY

MAY , 2019

50 Marks

Time Allowed: 2.00 hrs

GENERAL INSTRUCTION TO CANDIDATES:

- Answer **Question 1** and any one of the other questions 2 to 4.
- Write your Index Number and Date, and sign on the space provided on top of each page of the Question Paper

Question 1.

The Atwima Kwanwoma District is located in one of the 30 districts in the Ashanti Region of Ghana. The district has six (6) CHPS zones 17 CHPS Communities and 23 CHPS Compounds. The Foase Health Centre headed by a Physician Assistant, is the biggest public health facility within district. The Health Centre therefore serves many deprived communities.

The Table 1.0 shows an abstract from a Weekly Epidemiological Report of the Foase Health Centre for the period 3rd -9th March 2019 and the same period in 2018.
Study carefully the Table 1.0 and answer the following questions concisely as possible.

- a) How many communities are the cases reported from?
- b) Which periods does this Epidemiological Report cover?
- c) What is the total number of cases reported from all the communities within the period?
- d) Which community reported the largest number of cases
- e) Calculate the percentage of Males over Females.
- f) What is the percentage of reported cases in 2018 over the total number of cases in the reported periods?
- g) Calculate the percentage case mortality?

Index Number.....Signature.....Date.....

- h) Which age bracket was most affected?
- i) Would you describe the reported cases as an outbreak? If yes give one (1) reason to support your answer?

Table 1.0 Weekly Epidemiological Report of the Foase Health Centre

Community	No of Reported Cases of Cholera					
	Year	Cases	Male	Female	Dominant Age Grp	Mortality
Hiakose	2019	24	6	18	23-45	1
	2018	12	4	8	19-23	0
Anitemfe	2019	19	8	11	22-45	0
	2018	10	8	2	18-26	2
Wiaso	2019	11	3	8	16-24	0
	2018	3	0	3	15-21	0
Kunsu	2019	35	26	9	16-19	3
	2018	10	1	9	21-22	2
Dapaa	2019	14	3	11	25-29	0
	2018	31	5	26	12-17	0
Nintin	2019	12	5	7	23-24	1
	2018	17	2	15	19-20	1
Boada	2019	15	7	8	19-23	2
	2018	35	11	24	56-60	0
Pimpim	2019	20	7	13	14-19	0
	2018	23	2	21	23-24	0
Kwaso	2019	10	7	3	14-19	1
	2018	2	2	0	13-15	0
Yaayaa	2019	27	21	8	23-26	1
	2018	4	3	1	46-50	0
Nsuoso	2019	32	21	12	14-22	1
	2018	5	5	0	23-26	0

- (j). Outline or list the steps on how this outbreak will be investigated.
- (k). What is the meaning of the sentence “ Foase Health Centre is the biggest public health facility within district”
- (l). What category of health care providers are in the CHPS communities?
- (m) What are the functions of Community Volunteers in the CHPS Communities ?

Question 2

- a) Briefly describe what Primary Health Care means?
- b) List the five types of care expected to be delivered through PHC concept
- c) List the principles of PHC and briefly describe one of them
- d) Briefly define the following
 - a. A CHPS Zone
 - b. A CHPS Community
 - c. A CHPS Compound
 - d. A Community Health Officer
 - e. Community Health Volunteers
- e) Enumerate the General Policy Principles of PHC
- f) Describe the Minimum package of PHC in Ghana.

Question 3.

Briefly explain the following terms

- a. Disease Control
- b. Elimination of disease
- c. Eradication of disease
- d. Disease Extinction
- e. The Germ theory of disease

What is Epidemiologic Triad Model?

List and Explain the Components of the Epidemiologic Triad Model

Question 4

- a). Mention the types of disease causing agents and give 3 examples of each of the agents
- b). Explain what Disease Prevention means.
- c) List the levels of prevention
- d) Give one example each of the level of prevention you have listed in (c) above.

Examiner:

Dr Thomas Agyarko-Poku

✓ Done