

Department of Human Kinetics & Health Education
2024 1 EXAMINATION

Course Code: HED417

Course Title: Epidemiology and Public Health

Time: 2hours

Instruction: Answer question one (1) and any other two.

1. (a) Write explanatory notes on the following epidemiological terms:

- | | |
|-----------------------------|---------------------------|
| (i) Health related state | (ii) Specified population |
| (iii) Epidemiological triad | (iv) Toxicology |
- (20**

Marks)

(b) Explain the dose-response relationship. **(10 Marks)**

2. (a) What do you understand by analytical study as one of the epidemiological method? **(10 Marks)**

(b) Discuss ethical considerations in research based on respect of informed consent and vulnerable persons. **(10 Marks)**

3. (a) Describe the steps you can adopt for the smooth conduct of epidemiological surveillance **(10 Marks)**

(b) What is the difference between pandemic and endemic diseases?

(10 Marks)

4. (a) Give a clear overview of giardiasis. **(10 Marks)**

(b) Explain five (5) causes, sign and symptoms and the preventive measures of the above disease **(10 Marks)**

5. (a) Discuss five (5) roles of family health education in the promotion of health

(b) Describe the scope of universal health coverage. **(10 Marks)**