



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF MICROBIOLOGY
FIRST SEMESTER EXAMINATION, 2018/2019 SESSION
PRINCIPLES OF EPIDEMIOLOGY & PUBLIC HEALTH (MCB 414), 3UNITS

Instruction: Answer any four questions

Time: 2 Hours

- 1a. The definition of epidemiology includes the terms “**distribution**” and “**determinants**”. Explain their meaning and significance.
- 1b. Describe the chain of infection.
2. Epidemiology involves the study of more than just infectious diseases. Explain.
- 3a. List four types of epidemiologic information that are useful for influencing public health policy and planning and even individual health decisions.
- 3b. Define “**efficacy**” and “**effectiveness**” in relation to the study of public health and epidemiology course and provide examples of each.
4. Write short notes on the following terms:
 - (a) Epidemic
 - (b) Incubating Carrier
 - (c) Active Carrier
 - (d) Mechanical Transmission
 - (e) Primary Prevention.
- 5a. Define Zoonosis and provide examples of the various types of zoonotic diseases.
- 5b. Suggest at least three methods for the prevention and control of zoonosis.
6. Discuss emerging/re-emerging diseases.