



**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF LIFE SCIENCES  
DEPARTMENT OF MICROBIOLOGY**

**FIRST SEMESTER EXAMINATION 2015/2016 SESSION**

**COURSE CODE: MCB 414**

**COURSE TITLE: PRINCIPLE OF EPIDEMIOLOGY AND PUBLIC HEALTH (3 UNITS)**

**CLASS: 400 LEVEL**

**TIME: 2 HOURS**

**Instruction: Answer any 4 questions**

1. Explain in details common source and propagated epidemics
2. An outbreak of Ebola virus disease has been reported in a community close to you. As a public health practitioner, explain the strategies you will adopt towards the control of the disease in the community
3. Explain the following:
  - (a) Prospective study
  - (b) Retrospective study
4. Discuss Zoonoses
5. Critically examine the roles of epidemiologist toward diseases prevention and control in a population.
6. Enumerate the advantages and disadvantages of cross sectional study.
7. Define the following terms with specific examples:
  - (a) Prevalence
  - (b) Incidence rate
  - (c) Pandemic disease
  - (d) Sporadic disease