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NATIONAL OPEN UNIVERSITY OF NIGERIA

JANUARY 2013 EXAMINATION

PROGRAM: BACHELOR OF NURSING SCIENCE (BNSc)

COURSE TITLE: EPIDEMIOLOGY IN NURSING

COURSE CODE: NSS 305

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ONLY 4 OUT OF 6 QUESTIONS

DATE: Saturday 26th January

- 1 a. Define epidemiology and state its significance **10mks**
b. . Describe the Uses of Epidemiology **10mks**
2. a. Highlight the major differences between incidence and prevalence **10mks**
b. Define crude rate and state crude birth rate and Rate of Natural Population Increase (RNPI) **10mks**
3. a. Explain in details experimental/Intervention studies with an example **10mks**
b. What are the advantages and disadvantages of Cohort studies? **10mks**
4. Discuss the types and uses of statistics **20mks**
- 5 .a .Discuss the term data collection and the method and source of collection. **10mks**
- 5 b. Explain the chain of epidemiology **10mks**
- 6 . Briefly discuss the following
 - a. Environmental factor Influence on Development of the Disease
 - b. Surveillance
 - C. Propagation of Epidemics
 - d Agents and 2 diseases caused**(5mks each)**