



FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI
DEPARTMENT OF PUBLIC HEALTH
SCHOOL OF HEALTH TECHNOLOGY
Harmattan Semester Examinations (2018/19)

COURSE: Applied Epidemiology: Inf. Disease Epid & Immu. Tech. (PUH 301)

Instruction: Answer 4 Questions in All.

Time : 2 hours

Question 1 (17.5 Mks)

Write succinctly on:

- a) Cross Sectional Studies
- b) Case Controlled Studies
- c) Randomized Controlled Clinical Trials

Question 2 (17.5 Mks)

- a) Name 5 infectious agents
- b) Name 3 toxins generated by microorganisms
- c) Name 3 soil transmitted diseases
- d) Name 3 Zoonotic diseases
- e) Name 3 opportunistic organisms in HIV/AIDS

Question 3 (17.5 Mks)

- 3a. Define Health Systems Research (HSR) (2.5 Mks)
- 3b. Give the basic Characteristics of Health Systems Research (HSR) (10 Mks)
- 3c. How is Health Systems Research (HSR) different from other types of Health Research? (5Mks)

Question 4 (17.5 Mks)

- 4a Differentiate between two types of questionnaire (examples required) 7.5 Mks
- 4b Explain the steps in epidemiological report writing (10Mks)

Question 5 (17.5 Mks)

- 5a Give the measures required to ensure good quality of data in epidemiological studies (10Mks)
- 5b Use the information on table below and sketch a simple Gantt chart (7.5Mks)

Sn	Activity	Schedule
<u>1</u>	Initial Preparation	
	Research Team meeting	July (1-7)
	Tool preparation	July (7-14)
	Visits/ advocacy	July (14 -28)
<u>2</u>	Data Collection & Analysis Phase	
	Selection of data collection assistants	July28 - Aug11
	Training of data collection assistants	Aug11- Aug18
	Data collection	Aug18 - Sept1
	Data analysis	Aug 25- Sept22
<u>3</u>	Final Report and dissemination	
	Report writing	Sept15- Sept 29
	Editing	Sept 29 -Oct 6
	Dissemination via workshop	Oct 6-15

Health system research
 is different from other
 types of research such
 as biomedical research
 clinical research
 epidemiological research

Principal investigator
 Co-Principal investigator
 Researcher

Study Activities | responsibilities | time period

26
 14

28