



OLABISI ONABANJO UNIVERSITY  
FACULTY OF SOCIAL AND MANAGEMENT SCIENCES  
DEPARTMENT OF GEOGRAPHY  
RAIN SEMESTER EXAMINATIONS 2015/2016 SESSION

(B.Sc Degree Examinations)

(B.Ed. Degree Examinations)

Course Code: GRP 204 Quantitative Techniques in Geography and Regional Planning

TLM 202: Quantitative Techniques in Transport Management

Instructions: Answer Four (4) Questions in ALL. Question one (1) is Compulsory.

Time Allowed: 2 Hours

1. (a) Discuss Quantitative Analysis and examine its role in your academic discipline.  
(b) Define measurement and discuss four (4) measurement scales in quantitative methods.  
(c) (i) What is a sample?  
(ii) Identify and discuss four sampling methods in your discipline.
2. (a) Discuss the types and sources of data in Geography or Transport studies.  
(b) With suitable examples, differentiate between descriptive and inferential analytical methods.
3. (a) A survey of two cities (A and B) showed the distribution of the following number of social facilities in different sector of the cities.

City A:	04,	20,	03,	06,	09,	25,	13,	15,	02,	01,	12,
	30,	45,	16,	22,							
City B:	25,	01,	40,	45,	21,	10,	15,	30,	35,	50,	12,
	08,	10,	15,								

Using student 't' analytical method, determine whether there is significant difference in the provision of social facilities in these two cities

$$\bar{a} = 14.87$$

$$\bar{b} = 22.64$$

1159.8028