



Department of Surveying and Geoinformatics
School of Environmental Technology
Federal University of Technology
Minna, Nigeria

EVT411: Research Methods I
First Semester Examination, 2017/2018 Session
DURATION: 2 Hours.

ANSWER QUESTION 3 AND ANY OTHER TWO.

- 1a. Identify 5 ways of formulating research problems and discuss each of them (10 marks)
 - 1bi. Write short notes on the differences between the two major types of data [5 marks]
 - ii. Highlight five (5) factors that limits the application of scientific method in social research [5 marks]
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- 2a. Write short notes on the three (3) scales of data measurement [9 marks]
 - 2b. What is data analysis? Highlight five (5) advantages of data analysis [6 marks]
 - 2c. What are the major sections of a research articles [5 marks]
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- 3a. Write short notes on plagiarism, describing action (s) that constitutes it [5 marks]
 - 3b. Why is literature review very important in social research? [5 marks].
 - 3c. Describe how you will carry out cross-correlation analysis in SPSS. Give a detailed interpretation of possible results of correlation analysis [10 marks].
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- 4a. With the aid of flowchart(s), describe the steps involved in building inductive and deductive models [10 marks]
 - 4b. Write short notes on 5 different referencing systems known to you [10 marks].