

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI  
SCHOOL OF POSTGRADUATE STUDIES  
DEPARTMENT OF OPTOMETRY  
2018/2019 RAIN SEMESTER EXAMINATION

OPT 812: Research Methods and Applied Data Analysis      Credit: 2 Units  
Time allowed: 2 hours  
Instruction: Answer any 4 questions

- 1) Explain:
  - a) How you would develop a working hypothesis      (12.5 marks)
  - b) How you would select your variables for a research      (12.5 marks)
- 2) Discuss the different types of research      (25 marks)
- 3) Write extensively on Plagiarism      (25 marks)
- 4)
  - a) Outline the complete format for writing a thesis project      (15 marks)
  - b) Briefly write on the APA referencing style      (10 marks)
- 5) Discuss the different sampling techniques      (25 marks)
- 6) Write on:
  - a) Quantitative Research Design      (12.5 marks)
  - b) Qualitative Research Design      (12.5 marks)