



BOWEN UNIVERSITY, IWO
COLLEGE OF MANAGEMENT AND SOCIAL SCIENCES
POLITICAL SCIENCE & INTERNATIONAL RELATIONS
PROGRAMMES
B. SC. (HONS) EXAMINATIONS

COURSE CODE: PDS 208
COURSE TITLE: Quantitative Methods in Political Science
COURSE UNIT: 3
INSTRUCTION: Attempt ANY FOUR Questions.

SESSION: 2022/2023
SEMESTER: Second
TIME: 3 Hours

Question One

Define Quantitative Methods and explain its salient characteristics. *(17½ marks).*

Question Two

Examine the basic reasons for sampling and briefly discuss three sampling techniques used in quantitative research. *(17½ marks).*

Question Three

Define the term Measurement and explain three levels of measurement relevant to quantitative methods. *(17½ marks).*

Question Four

Eighty million Nigerians were randomly sampled (40 million male and 40 million female) to ascertain the feasibility of a new policy by government on national security. In the survey conducted, 18 million Nigerian men agreed to the policy while 23 million women disagreed. With the aid of a statistical tool and while taking critical value to be 3.468: (a) Test whether the differences in the opinion of the respondents are significant or otherwise. (b) What would be your advice to the government regarding the policy in question? *(17½ marks).*

Question Five

Define hypothesis and critically discuss the procedure for testing hypothesis in the social sciences *(17½ marks).*

Question Six

- (a) Nine entries in a debate competition amongst students of Bowen University were ranked by two judges as shown below: *(17½ marks).*

Entry	A	B	C	D	E	F	G	H	I
Judge1	5	2	3	4	1	6	8	7	10
Judge2	4	5	2	1	6	7	10	9	11

- (b) Compute the rank correlation coefficient to test the extent of similarity in the two judges' ranking exercise.
(c) What conclusion could you draw from the performance of the students and the judges?