BOWEN UNIVERSITY, IWO

College of Management and Social Sciences
Business Administration & IRPM Programmes
First Semester 2021/2022 Examination

Level	: 300
Course Title	: Research Methods
Course Code	: BUS 305/ IRP 305
Instruction	: Attempt any four (4) Questions
Time Allowed	: 2 Hours
Date	: 16th March, 2022

QUESTION 1

(a) Define Reliability and Validity in Research.   (5$^{1/2}$ Marks)

(b) Define Population and Sample in Research.   (6 Marks)

(c) Explain Non-Probability Sampling Technique giving various examples.   (6 Marks)

QUESTION 2

(a) Define research   (3$^{1/2}$ Marks)

(b) Highlight seven (7) reasons for the conduct of research in business.   (14 Marks)

QUESTION 3

(a) Give a detailed format of a research proposal   (10 Marks)
(b) Discuss three guidelines to selecting a topic   (7$^{1/2}$ Marks)

QUESTION 4

(a) Explain the word "plagiarism"
                                        (2$^{1/2}$ Marks)
(b) What purpose does referencing and bibliographical citation serves (7 Marks)
(c) Mention the four methods involved in referencing, and bibliographical
     citation
                                        (8 Marks)

QUESTION 5

A study was conducted to examine the influence of waste disposal methods on waste management effectiveness. The results extracted from the data analysis are given in the supplementary tables.

a. You are required to interpret the correlation result for the relationships between the following variables: water surface waste disposal and waste management effectiveness; water surface waste disposal and water pollution; burying waste disposal and land surface disposal. Please note that the notation for correlation is r=

b. Use the regression results to explain the influence of waste disposal methods (water surface and burning) on waste management effectiveness. Do not forget to write out the regression equation.

(17¹/² Marks)

	Land surf	Pit	Water Surf	Burning	Burying	Water pol	Waste mgt. eff
Land surf	1						
Pit	0.839689	1					
Water Surf	0.75	0.707107	1				
Burning	0.75	0.707107	0.75	1			
Burying	-0.40522	-0.32024	-0.2622	0.166856	1		
Water pol	0.464835	0.612555	0.781768	0.464835	-0.15311	1	
Waste mgt. eff	0.088388	0.28125	0.618718	0.088388	-0.30339	0.806779	1

SUMMARY OUTPUT

Regression Statistics

Multiple R	0.839855
R Square	0.705357
Adjusted R Square	0.607143
Standard Error	0.626783
Observations	9

ANOVA

	df	SS	MS	F	Significance F
Regression	2	5.642857	2.821429	7.181818	0.025579
Residual	6	2.357143	0.392857		
Total	8	8			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	2.952381	0.648782	4.55065	0.003889	1.364868	4.539894	1.364868053	4.539894
Water Surf	0.892857	0.236902	3.768892	0.009301	0.313179	1.472535	0.313179392	1.472535
Burning	-0.60714	0.236902	-2.56285	0.042745	-1.18682	-0.02747	1.186820608	-0.0274