

Seat No: - _____

Enrollment No: - _____

**PARUL UNIVERSITY
FACULTY OF ARTS**

M. Arts/ Midterm Examination 2022–23

Semester: - III

Date: 01/08/2022

Subject Code: - (15209204)

Time: (2 hours)

Subject Name: - (Applied Statistical Techniques in Geography)

Total Marks: 40

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new questions on a new page.

		Marks
Q.1	Do As Directed.	06
1	Statistics is a branch of science which deals with _____ data	
	(A) Quantitative Data	(B) Qualitative Data
	(C) Collective Data	(D) Interpretive Data
2	Statistical techniques and procedures are applied in all fields of :	
	(A) Academic research	(B) None of the above
	(C) Industrial Research	(D) Both A and C
3	Statistics are needed for sound analysis and _____ of results.	
	(A) patterning	(B) Both
	(C) interpretation	(D) None
4	Data that only describes an item example coconut tree, palm tree, etc is	
	(A) Quantitative Data	(B) Informative Data
	(C) Qualitative Data	(D) Collective Data
5	Which one of the following is not a method of Primary data collection	
	(A) Direct personal investigation (interview)	(B) Indirect oral investigation
	(C) Questionnaire Method	(D) Published Sources
6	_____ is obtained by dividing the sum of the lower limit and the upper limit by 2	
	(A) Class interval	(B) Tally Marks
	(C) Midpoint	(D) Class limit
7	The number of observations included in each class is the _____	
	(A) Midpoint	(B) Class
	(C) Class Frequency	(D) Class interval
8	_____ is defined as the value obtained by dividing sum of values of all the given items by the number of items.	
	(A) Median	(B) Mode

	(C)	Mean	(D)	None of these	
9	A sampling technique in which researchers choose samples from a larger population using a method based on the theory of probability is called ...				
	(A)	Probability sampling	(B)	Cluster sampling	
	(C)	Simple random sampling	(D)	Systematic sampling	
10	What are the uses of probability sampling?				
	(A)	Reduce Sample Bias	(B)	Create an Accurate Sample	
	(C)	Diverse Population	(D)	All of these	
11	A sampling method involves a collection of feedback based on a researcher or statistician's sample selection capabilities and not on a fixed selection process is called				
	(A)	Non-probability method	(B)	Systematic sampling	
	(C)	Convenience sampling	(D)	Cluster sampling	
12	_____ is an aggregate of all class frequencies				
	(A)	Total Frequency	(B)	Class limit	
	(C)	Midpoint	(D)	Mean	
B. Terms / Short Notes / Case Study / Charts / Graphs/ Tables, etc. (Each of 01 mark)					(04)
1	Define the term "Research".				
2	What are the 4 steps to conduct Applied statistics techniques in geography?				
3	Define the term resources hypothesis in the context of Geography?				
4	Define the term sample.				
Q.2	Answer the following.				
1	Brief any one sampling technique in terms of applied statistics				(04)
2	Discuss the methods of data collection.				(04)
OR					
2	Elaborate on the two types of research and give examples in context with geography.				(04)
Q.3	Answer the following.				
1	Brief the organization and classification of data step by step.				(05)
2	Which method is more beneficial, Sampling or Questionnaire preparation?				(05)
OR					
2	Discuss the measures of central tendency in brief.				(05)
Q.4	Answer the following.				
1	How can you relate Geography with Research methodology?				(06)
2	2 Brief all the sampling techniques related to applied statistics in context of Geography.				(06)
OR					
2	Discuss the types of research in geography.				(06)

*****All the Best*****