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The Assam Royal Global University, Guwahati
Ph.D. Coursework Examinations, January 2025
Cluster: I & II
Course Title: Research Methodology
Course Code: RMP995M101

Time: 2.5 Hours

Maximum Marks: 50

Note: Attempt all questions as per instructions given.
The figures in the right-hand margin indicate marks.

Section AAnswer **All** questions. (Maximum word limit 50)

	Marks	CO	BT Level
1. a. Define research methodology. How is it different from research methods?	2	CO1	BT1
b. Define Census.	2	CO1	BT1
↗ c. List four sources of secondary data.	2	CO1	BT1
d. Define the term 'research report'.	2	CO1	BT1
↗ e. List any two Objectives of Research.	2	CO1	BT1

Section BAnswer **All** questions. (Maximum word limit 500)

	Marks	CO	BT Level																						
1. a. Compare exploratory, descriptive, and experimental research designs.	10	CO2	BT2																						
<i>OR</i>																									
↘ b. Illustrate the major steps involved in the research process.	10	CO2	BT2																						
2. a. Identify the key characteristics of a good research problem and explain how they contribute to effective research	10	CO3	BT3																						
<i>OR</i>																									
b. Analyse the key differences between Census and Sample Survey. Explain how these differences impact data collection and results.	10	CO4	BT4																						
3. a. Discuss the various methods of collecting Primary Data.	10	CO6	BT6																						
<i>OR</i>																									
b. Solve the following: Calculate the coefficient of correlation from the values of two variables, X and Y, given below.	10	CO3	BT3																						
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X	10	20	30	40	50	60	70	80	90	10															
Y	100	90	80	70	60	50	40	30	20	10															
4. a. Analyze the key differences between report writing and academic writing.	10	CO4	BT4																						
<i>OR</i>																									
b. Synthesize the importance of including sections like the Executive Summary, Acknowledgments, and Appendices in a research report.	10	CO4	BT4																						