JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2026

PhD-I Semester (CSE/IT/BT/BI/ECE/CE/JBSW)

COURSE CODE (CREDITS):18P1WGE101 MAX. MARKS: 15

COURSE NAME: Research Methodology in CL Quantative Methods & Comp Appls

COURSE INSTRUCTOR:TNS, ANU MAX. TIME: 1 Hour

Note: *(a) All questions are compulsory.*

Q.No	Question	Marks
Q1	Discuss the interrelationship between research process, research design, and research methodology. Illustrate your answer with an example of how a clear research design strengthens the overall research process and ensures methodological rigor	8
Q2	Explain the key characteristics of exploratory research and descriptive research.	3
Q3	Highlight the difference between probability sampling and non-probability sampling. Give two examples of each. --	4

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