

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Ph.D. COURSE WORK EXAMINATION – SUMMER - 2022

Subject Code: PHD2001 [RMS]

Date: 05/06/2022

Subject Name: Research Methodology_Sciences

Time: 11:30 AM – 1:00 PM

Total Marks: 35

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Explain: Importance of literature review for quality research and how to identify gap in research using it. **10**
- (b) Differentiate: Research Paper and Review Paper **05**
- Q.2** (a) What are aims and objective of research? Define: Quantitative research **05**
- (b) In brief explain: Difference between research design and research problem. **05**
- Q.3** (a) List out name of various types of review papers. Explain theme of any one type of review paper in detail. **05**
- (b) Define: Reproducibility, Self-plagiarism, Bibliography, and Dependent Variable Hypothesis. **05**
