

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Ph.D. COURSE WORK EXAMINATION – REGULAR – SUMMER 2023

Subject Code: PHD2201

Date: 02/07/2023

Subject Name: Research Methodology (Management & Humanity-English)

Time: 01:30 PM to 04:30 PM

Total Marks: 70

Instructions:

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

- Q.1** (a) Develop research proposal with all required component keeping in mind the literature gap that you want to address in your thesis. **10**
- (b) “Research design is a blueprint of a scientific study that includes research methodologies, tools, and techniques to conduct the research” In the context of above statement, explain the any two research design of your choice in detail. **10**
- Q.2** (a) Discuss questionnaire and explain what rules are to be kept in mind while constructing a questionnaire. **10**
- (b) Discuss any two methods of probability sampling and two methods of non-probability sampling. **10**
- OR**
- Q.2** (a) Discuss various kinds of charts and diagrams used in data analysis. Elaborate the use of SPSS in data analysis. **10**
- (b) Literature Review is a very important part of good research. Explaining what and how of Documentation, elaborate how to manage literature review for achieving excellence in research? **10**
- Q.3** (a) Elaborate the importance of case study method in management research. **5**
- (b) Why citation is important? Explain APA style of citation. **5**
- Q.4** (a) “A research problem is a statement about an area of concern, a condition to be improved, a difficulty to be eliminated, or a troubling question that exists in scholarly literature, in theory, or in practice that points to the need for meaningful understanding and deliberate investigation” Explain the steps in formulation of research problem in the above context. **5**
- (b) “A hypothesis is a proposed explanation for a phenomenon. For a hypothesis to be a scientific hypothesis, the scientific method requires that one can test it.” - Explain the steps in Hypothesis testing in the context of above statement. **5**
- Q.5** (a) Describe the precautions that the researcher should take while interpreting the findings. **5**
- (b) Discuss characteristics of a good research report. **5**
