## **Quantitative Research Work Plan**

### **1. Research Title**

* A title that reflects the quantitative focus of the research.

**2. Introduction**

* Background and rationale for choosing a quantitative approach.
* Problem statement and specific objectives.

**3. Research Questions and Hypotheses**

* State measurable research questions.
* Include testable hypotheses.

**4. Literature Review**

* Focus on studies employing quantitative methods.

**5. Methodology**

* **Research Design:** Experimental, correlational, or survey-based.
* **Population and Sample:** Target population, sampling method, and sample size determination.
* **Instruments:** Surveys, tests, or tools used for data collection.
* **Procedures:** Detailed, step-by-step explanation.
* **Statistical Methods:**
  + Descriptive statistics (mean, median, standard deviation).
  + Inferential statistics (t-tests, regression, ANOVA, etc.).

**6. Work Schedule/Timeline**

* Example:

| **Task** | **Timeline (Start-End)** |
| --- | --- |
| Literature Review | Jan 1 - Jan 15 |
| Survey Design | Jan 16 - Jan 31 |
| Data Collection | Feb 1 - Feb 28 |
| Data Analysis | Mar 1 - Mar 15 |
| Final Report Writing | Mar 16 - Mar 31 |

### **7. Resources Required**

* **Human Resources:** Field researchers, statisticians, etc.
* **Tools:** Statistical software (e.g., SPSS, R, Python).
* **Budget:** Allocation for data collection and analysis tools.

### **8. Ethical Considerations**

* Participant confidentiality, informed consent, and institutional review board (IRB) approval.

### **9. Expected Outcomes**

* Specific statistical results and their implications.

### **10. References**

* Properly formatted citations for quantitative research literature.

### **11. Appendices (if applicable)**

* Include instruments, statistical formulae, or raw data samples.