

## **Class Test Worksheet: Criteria of Good Research – Self-Check (10 Marks)**

### **Instructions for Students**

Think of one project or assignment you have completed in school/college (for example: coding assignment, mini research, science project, seminar).

Evaluate your project using five criteria of good research. Write 3–4 sentences for each part.

#### **1. Objectivity (2 Marks)**

- Was your project free from personal bias or assumptions?
- Did you use facts/data rather than opinions?

Your Answer:

#### **2. Clarity (2 Marks)**

- Was the aim clearly stated?
- Could others easily understand your objectives and results?

Your Answer:

#### **3. Validity (2 Marks)**

- Did your project study what it was supposed to?
- Were the results accurate and meaningful?

Your Answer:

#### **4. Reliability (2 Marks)**

- If the project were repeated, would it give similar results?
- Did you use consistent methods and tools?

Your Answer:

#### **5. Ethics (2 Marks)**

- Did you avoid plagiarism and give proper references?

- Did you respect honesty, transparency, and academic integrity?

Your Answer:

Rubric (10 Marks)

Criterion	Excellent (Full Marks)	Good (Partial Marks)	Needs Improvement (Low Marks)	Marks
Objectivity (2)	Clear explanation, uses evidence, no bias. (2)	Mentions evidence but limited. (1.5–1)	Weak/unclear, opinion-based. (0.5–0)	___/2
Clarity (2)	Aim & results well explained; easy to follow. (2)	Aim present but not clear enough. (1.5–1)	Aim vague/missing. (0.5–0)	___/2
Validity (2)	Shows methods measured what was intended; results accurate. (2)	Some link between methods and results. (1.5–1)	No clear link. (0.5–0)	___/2
Reliability (2)	Shows consistency; explains repeatability. (2)	Mentions but not explained well. (1.5–1)	Not addressed. (0.5–0)	___/2
Ethics (2)	Mentions plagiarism-free, proper citations, honesty. (2)	Mentions integrity but vague. (1.5–1)	No ethical consideration. (0.5–0)	___/2
Total				___/10

## Model Answer – Full Marks Example

### 1. Objectivity (2 Marks)

My project was free from personal bias because I collected data from **50 students through a Google Form** instead of relying on my own opinions. The conclusions were based on average test scores and attendance records, not personal experiences.

### 2. Clarity (2 Marks)

The aim of my project was clearly stated: *“To study the impact of online learning on students’ academic performance.”* I explained the objectives step by step, and the results were presented in graphs so that even a reader outside my class could understand easily.

### 3. Validity (2 Marks)

The project directly measured what it intended to: comparing exam results of students in online vs. offline classes. The tools used (marksheets, attendance data, and surveys) were appropriate, and the results reflected the real effect of online learning.

### 4. Reliability (2 Marks)

If another student repeated this study with the same method, they would likely get similar results because I used a **consistent questionnaire** and analyzed scores using the same grading system. The method is standardized and repeatable.

### 5. Ethics (2 Marks)

I avoided plagiarism by citing journal articles and websites properly in APA format. I collected responses with consent and did not share student names publicly. The work was honest, transparent, and maintained academic integrity.

### Total = 10/10 (Excellent Response)

- Each answer is **specific (not vague)**.
- Shows **examples/evidence**.
- Directly connects to **criteria of good research**.