

Exam of Research Methodology (Third Year / First Term) – 01/16/2023

Model Answer

Question 1: Fill in each gap with the appropriate term(s). **(0.5 pt. x 11 = 5.5 pts.)**

1. A **construct** is an abstraction that cannot be observed directly but only by its effects, such as anxiety, competence and intelligence, whereas a **variable** is its representation and which can take on a range of values.
2. **Qualitative** researchers believe that a full understanding of phenomena is dependent on the context.
3. **Ethnographic research** involves observing and interacting with people in their natural environment to gain an in-depth understanding of their culture, behaviour, and experiences.
4. **Quasi experimental research** aims to establish cause-and-effect relationships, but lacks random assignment.
5. **Grounded theory** is suitable when there is no existing theory that offers an adequate understanding of the research subject or when an existing theory needs to be further developed.
6. **Correlational research** investigates non-causal associative relationships between two or more variables.
7. In **case study research**, researchers focus on a single unit to produce an in-depth description that is rich and holistic.
8. **Content analysis** is used to analyse written and visual materials for the purpose of identifying specified characteristics of such materials.
9. **Imperfect induction** is the process of inferring from observations made on a sample of a group to what is characteristic of the whole group.
10. **Ex post facto research** is useful in situations where experimental research cannot be used for ethical or practical reasons.

Question 2: Based on the title of each of the studies listed below, **1)** classify the following research as quantitative or qualitative, and **2)** indicate the research method you think would be the most appropriate for studying the research problem. **(0.5 pt. x 2 x 12 = 12 pts.)**

- 1) Investigating the impact of interactive virtual reality (VR) environments on EFL Vocabulary Acquisition. (**quantitative / experimental**)
- 2) Investigating the attitudes of the EFL students at Larbi Ben M'hidi University towards digital language learning resources. (**quantitative / survey**)
- 3) Examining the lived experiences of EFL novice teachers: An in-depth inquiry into the challenges, reflections, and transformative moments in the early years of teaching English as a foreign language. (**qualitative / phenomenological**)
- 4) Investigating EFL teachers' perceptions of their role in adapting and integrating culturally relevant content in the English curriculum. (**qualitative / basic interpretative**)
- 5) Investigating the perceived impact of early English language exposure on proficiency: A comparative analysis of EFL students with differing levels of childhood English language immersion. (**quantitative / ex-post facto**)
- 6) Examining the relationship between English language proficiency and academic performance in EFL university courses. (**quantitative / correlational**)
- 7) Understanding multimodal communication in EFL classrooms: An exploration of non-verbal interaction patterns, digital media usage, and cultural influences. (**qualitative / ethnography**)

- 8) Exploring how a rural school involves the local community in educational activities. (/ **case study**)
- 9) Jesus and social movements in Roman Judea. (**qualitative / historical**)
- 10) Investigating gender role representation in primary school textbooks. (**qualitative / content analysis**)
- 11) Defending sacred lands: stories of Palestinians' resistance and resilience. (**qualitative / narrative**)
- 12) Theorizing student-teacher relationship in online learning during Covid-19 pandemic. (**qualitative / grounded theory**)

Exercise 3: Choose the answer that best describes each of the research questions provided below.

(0.5 pt. x 5 = 2.5 pts.)

“What is the impact of the color of classroom walls on students' English language proficiency?”
This research question lacks ...:

- | | |
|----------------|---------------------|
| a. clarity | b. relevance |
| c. feasibility | d. all of the above |
1. What seems to be wrong with the following research question? “What are the specific challenges experienced by EFL teachers in integrating technology into their classrooms, and how do these challenges influence students' language learning outcomes?”

a. It is not simple enough.	b. It is too specific.
c. It is not relevant.	d. Nothing is wrong with it.
 2. “How do students feel about English language learning?” This research question lacks ...:

a. clarity	b. relevance
c. feasibility	d. nothing, and is fine the way it is.
 3. What seems to be the problem with the following research question? “To what extent has global economic policy influenced the teaching of English as a Foreign Language in rural schools?”

a. It is not clear.	b. It is not feasible.
c. It is not relevant.	d. Nothing; it meets all the criteria.
 4. “What factors contribute to the successful implementation of project-based learning in EFL classrooms?” This research question:

a. is too broad.	b. is not feasible.
c. is not relevant.	d. is okay.