

Research Skills RSC777

Assignment 10

Prepared by
Abdulaziz Alarfaj



Part

1

Article Title

"The research paper

Title: *Importance of Cybersecurity in the Higher Education Sector (2022)*

Article link :

https://www.researchgate.net/profile/Kamal-Aldin-Yaseen/publication/366969828_Importance_of_Cybersecurity_in_The_Higher_Education_Sector_2022/

First: Research Questions: تساؤلات البحث

First: Research Questions

- **No explicit research questions** were formulated in the paper.
- The author discussed the general issue (cybersecurity threats to higher education) but did **not define** a main research question or sub-questions, such as:
 - "How do cybersecurity attacks affect the operational performance of higher education institutions?"
 - or "How effective are current security policies in protecting student data?"

Therefore:

There were no formally stated research questions in the paper.

Study Objectives: أهداف الدراسة

Second: Study Objectives

•The objectives were mentioned generally and included:

- **Highlighting the importance of cybersecurity** in higher education.
- **Identifying cybersecurity threats and risks** affecting academic institutions.
- **Proposing security strategies and measures** to protect educational environments.

Therefore:

The objectives were **present**, but **broad and descriptive**, not directly linked to formal research questions.

Study Hypotheses: فرضيات الدراسة

Third: Study Hypotheses

- **There were no main or sub-hypotheses** formulated.
- No formal scientific hypotheses were proposed for testing, such as:
 - "There is a significant relationship between implementing cybersecurity policies and the level of data protection in higher education institutions."

Therefore:

No scientific hypotheses were introduced or tested in the study.

الاتساق بين التساؤلات, الأهداف والفرضيات: Consistency

Fourth: Consistency Between (Questions – Objectives – Hypotheses)

•Since:

- There are **no explicit research questions**,
- And **no scientific hypotheses**,

•**Logical and scientific consistency was not achieved.**

Short Interpretation:

- The paper **relied on general descriptive and analytical discussion** rather than a structured scientific design.
- If formal research questions, objectives, and hypotheses had been aligned, the paper would have demonstrated **stronger scientific consistency**.

Summary : الخلاصة

Element	Presence	Notes
Research Questions	Not present	The problem was discussed, but no formal questions were formulated.
Study Objectives	Present	General, descriptive objectives but not linked to questions.
Hypotheses	Not present	No scientific hypotheses proposed or tested.
Consistency	Not achieved	Due to absence of structured questions and hypotheses.