Exam Answer for the first semester examination
in Methodology of Political science -1-

1. **Choose the correct answer: 5 Pts.**

- **Sensory knowledge is:**

a. Propositional knowledge.   b. Explicit knowledge.   c. Posteriori knowledge.

d. All of the above.   e. None of the above.

- **The causal relationship between the variables can be identified in:**

a. Independent Variable and Dependent Variable   b. Mediator Variable and Dependent Variable

c. Independent Variable and Mediator Variable   **d. All of the above**.   e. None of the above.

- **Among the Behavioral Approaches:**

a. Institutional Approach   b. Legal Approach   **c. Decision-Making Approach**

d. All of the above.   e. None of the above.

- **Description relies on the collection of:**

a. Information   b. Qualitative data   c. Quantitative data

d. All of the above.   e. None of the above.

- **Induction is commonly used in:**

a. Hypothesis testing   b. Prediction   **c. hypotheses generating**

d. All of the above.   e. None of the above.

2. **Answer with True or False, then explain your answer: 5 Pts.**

- Methodological approaches help determine how topics are addressed. **True**

Methodological approaches guide how a subject is studied, analyzed, and taught.

- A model can be defined as a simplified representation of all aspects of a real system or phenomenon. **False**

A model can be defined as a simplified representation of some aspects of a real system or phenomenon

- The Rationalist School holds that knowledge is derived from experience. **False**

Rationalism argues that knowledge is derived from reason, not from experience

- A hypothesis that is proven false is considered unimportant for scientific research. **False**

A hypothesis that is proven false in scientific research helps eliminate incorrect causal relationships and confirm their invalidity, thereby guiding subsequent research toward more accurate explanations.

- A literature review refers to the summary of relevant sources. **False**

A literature review involves not only summarizing but also analyzing and evaluating relevant sources related to a research topic.

3. **Define briefly this concepts: 2.5 Pts.**

Accumulation of Knowledge النموذج المعرفي / Paradigm/ التنبؤ / Prediction التراكم المعرفي /
causality السببية /sub-questions التساؤلات الفرعية

4. **Propose an appropriate research problem, hypothesis, and a research design for a study examining a phenomenon related to unemployment in Algeria. 7.5 Pts.**

- **Proposed Research Topic:**

Unemployment in Algeria is a variable that can be studied either as an independent or a dependent variable. In this study, unemployment is considered the **independent variable**, while **illegal migration** is the dependent variable, with **psychological frustration** serving as a mediating variable.

- **Research Problem:**

How does unemployment contribute to the rise of illegal migration in Algeria after 2014?

- **Research Hypotheses:**

Hypothesis 1: Unemployment contributes to increasing levels of psychological frustration among Algerian youth.

Hypothesis 2: Higher levels of psychological frustration among youth lead to an increased tendency toward illegal migration.

- **Proposed Research Design / Study Structure:**

Chapter One: Conceptual framework (definitions of unemployment, psychological frustration, and illegal migration).

Chapter Two: The role of unemployment in the deterioration of the psychological condition of youth in Algeria.

Chapter Three: The role of psychological frustration among youth in increasing illegal migration.