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The Vice-deanship in charge of Studies and Students-related Issues

Common trunk Department - Social Sciences Field



جامعة باجي مختار - عنابة

كلية العلوم الإنسانية والاجتماعية

ديانة العمادة للدواشات والمسائل المرتبطة بالطلبة

قسم الجذع المشترك - ميدان العلوم الاجتماعية.

## **Model answer for the second semester exam in the course: Scientific Research Methodology.**

### **1 – Explain what "scientific research mean". 5P**

**1-1-** It is the systematic investigation of facts, using scientific methods and techniques, in order to verify, modify, or develop them.

**1-2-** It is an organized intellectual process undertaken by a researcher to investigate a particular topic, following a specific scientific method called the scientific method, in order to solve an existing problem based on a result that can be generalized to similar topics.

### **2 – How does scientific research try to achieve a correct, objective and accurate understanding of the phenomenon?. 5P**

Therefore, by determining the nature of the phenomenon itself, standing on the truth of its cause, we can understand the conditions that lead to its appearance, its components, and their relationship with other phenomena, and then understand its judgment law, so as to find solutions to the problems faced by mankind and the general development of scientific knowledge.

### **3 – One of the problems with applying the scientific method in the humanities and social sciences is that the results obtained are not necessarily generalizable to similar topics. What do you think this is due to?. 5P**

The problem of the resistance shown by the results obtained in the fields of the humanities and social sciences in generalization on similar subjects is due to the truth of the results obtained themselves; considering that the "scientific" relativity lacks scientific accuracy, and that similar subjects are not necessarily similar to the truth of the scientific description, given that the human or social phenomenon is characterized by composition, leading to a loss of homogeneity between them, as well as that the difficulty of completing their results hampers the ability to control them.

### **4 – "The research problem" is one of the most important steps in scientific research. Explain it. 5P**

The research problem is of great importance; as a stage of scientific research; it is it that determines the conditions of the value of the research topic, in terms of: it must be new, provide a scientific addition to the research topic, and be in line with the scientific and cognitive capabilities of the researcher, and that the problem really deserves study and research, as well as the researcher's attempt to establish a precedent in dealing with it.