

S1 Exam of Research Methodology

Student full name:.....Group:

Activity 1: Define the following terms: (06pts)

1- Scientific Research.

Key words: systematic investigation – acceptable scientific methodology- facts and evidence- new conclusion- solving problems and answering questions.

2- Research Methodology.

Key words: science- doing research- research process- research steps- research methods- justification and logic behind the steps and methods.

3- The Research Problem.

Key words: what the researcher investigates- question to be answered – problem to be solved- assumption to be investigated.

Activity 2: Tick (✓) the right answer to complete the following statements. (04pts)

1- Research aims to

- a- Observe, describe and explain different phenomena.
- b- Advance professional knowledge and practices.
- c- Provide solutions to problems.
- d- All of the above.**

2- Research methodology is interested in

- a- Research process.
- b- Research methods.
- c- The logic and justification of research steps.
- d- All of the above.**

3- Research is an activity that is based on

- a- The researcher's personal views and opinions.
- b- Summaries of different books and article.
- c- Systematic data collection and observation.**
- d- Information found on the internet about a topic.

4- Scientific research is undertaken in order to

- a- Learn new things
- b- Keep pace with the advancement in knowledge
- c- Systematically examine and critically analyze different information**
- d- All of the above

Activity 3: Are these statements true or false? Tick (✓) the correct box.04 pts)

The Statement	True	False
a- Limiting the scope of the study allows the researcher to generate as many ideas as possible to find a suitable topic for research	✓	
b- Research methodology can be a difficulty to be eliminated or a question to be answered.		✓
c- Research is a personal essay about your opinions and ideas.		✓
d- The research problem is the systematic investigation of a phenomenon to establish facts and draw new conclusions		✓

Activity 4: Discuss ONLY ONE of the suggested topics below in a paragraph of 5 to 8 lines. (06pts)

- 1- The scientific method is the most reliable and valid method to generate knowledge in different fields.
- 2- Because the identification of the research problem is of paramount importance, some conditions need to be taken into consideration.

Form (03 pts) : correct language, coherence, cohesion and punctuation.

Content (03pts) : logical order, relevance of information and good argumentation.

Key words for topic 1: systematic Observation/ logic/ analysis/ critical thinking/ data collection/ acceptable methodology/ systematic process/ facts/ evidence...

Key words for topic 2: Interest /Relevance/ Level of Expertise/ Precision/ Magnitude/ Measurements of concepts/ Availability of Data