Unit 3 - Week 1: Introduction to the topic and on types of reasoning

Assignment week-1

Due on 2020-02-12, 23:59 IST.

1. A scientific hypothesis involves: 
   - Directing and reducing the skills required for effective communication.  
   - Understanding the requirements of past research and citations.  
   - Efforts in scientific research.  
   - All of these.

2. Which of the following is not a topic for effective scientific reasoning? 
   - Visual communication  
   - Verbal communication  
   - Non-verbal communication  
   - All of these.

3. The image given below represents: 
   - Visual communication  
   - Non-verbal communication  
   - Verbal communication  
   - All of these.

4. What do research ideas come from? 
   - Personal introspective experience  
   - Interview  
   - Library  
   - All of these.

5. A scientific hypothesis can be distinguished between Inductive reasoning (IR) and Deductive reasoning (DR) based on: 
   - IR is used by scientists who are driven by conceptual people.  
   - IR is driven from observations and hypothesis.  
   - IR is driven from observations and induction.  
   - IR is based on an idea involving deduction.

6. Which of the following statements is true for a hypothesis? 
   - A statement expressed by a person in a training paper for further investigations.  
   - A statement expressed by a person in a training paper for further investigations.  
   - A statement expressed by a person in a training paper for further investigations.  
   - A statement expressed by a person in a training paper for further investigations.

7. Which of the following is NOT a scientific approach? 
   - Asking a question  
   - Proposing a hypothesis  
   - Test a prediction  
   - None of these.

8. Which of the following options represents the correct order for developing a hypothesis for a research proposal? 
   - Major assumptions and literature survey problem statement hypothesis.  
   - Major assumptions and literature survey problem statement hypothesis.  
   - Major assumptions and literature survey problem statement hypothesis.  
   - Major assumptions and literature survey problem statement hypothesis.

9. The following is a typical example of a reasoning test to predict the patient for the artificial bias. With the question mark is: 
   - A strong example of:  
   - A strong example of:  
   - A strong example of:  
   - A strong example of.