

## Week 4. Working with Humans

### SOLUTIONS TO PREPARATORY QUESTIONS.

Q1. Which of the following best represents ethical considerations regarding the care and handling of participants in experimental research?

- A. Providing false information to participants to maintain the integrity of the experiment.
- B. Ensuring participants are fully informed about the nature and purpose of the study before participation. **[Correct]**
- C. Withholding information about potential risks to participants to avoid biasing their responses.
- D. Ignoring participant preferences and comfort to maintain experimental control.

Q2. Which of the following is not a valid section of a consent form?

- A. Participant's Rights
- B. Institution and Researcher Information
- C. Detailed Experiment Protocol **[Correct]**
- D. Purpose of Experiment

Q3. Which of the following is not a critical consideration when working with children in experimental research?

- A. Obtaining informed consent from both the legal guardians (parents) and children.
- B. Providing appropriate instructions to parents to avoid bias and interference.
- C. Adapting the experiment duration to suit the children's age group.
- D. Compensating children financially after the completion of the experiment. **[Correct]**

Q4. What is a key consideration when conducting experimental research involving participants with disabilities?

- A. Ensuring accessibility and accommodations to facilitate participation. **[Correct]**
- B. Excluding participants with disabilities to maintain the integrity of the study results.
- C. Providing impaired participants with alternative forms of compensation, such as gift cards.
- D. Ensuring informed consent is obtained only from legal guardians or caretakers due to the participants' impairments.