

Ethics, Design and Methodology — Practice Worksheet

This worksheet covers research ethics, formulating research (aims, variables, hypotheses), and methodology (designs, sampling, controlling variables).

Part A — Ethics

Q1. Outline the role of ethical guidelines in psychological research. *(2 marks)*

Q2. Describe two roles of an ethics committee in psychological research. *(4 marks)*

Q3. Outline the ethical guidelines and practices related to human participants in research. *(8 marks)*

Q4. State the three guidelines for the use of animals in research. *(3 marks)*

One: _____

Two: _____

Three: _____

Part B — Formulating research

Q5. Name three types of variables and state an example of each, relevant to a study of your choice. *(6 marks)*

Q6. Distinguish between a hypothesis and an inquiry question. *(2 marks)*

Part C — Methodology

Q7. Outline the method of random sampling and state one strength and one limitation. *(3 marks)*

Q8. Identify two ways the effects of extraneous and confounding variables can be minimised in an experiment. *(2 marks)*

Sound research has ethical approval and clear guidelines, a defined aim with identified variables and a testable hypothesis (or inquiry question), and a methodology that controls extraneous and confounding variables.