AP Psychology Unit One Study Guide

“Science of Psychology”

|  |  |  |  |
| --- | --- | --- | --- |
| TERM | DESCRIPTION | APPLICATION | ASSOCIATION (cues, names, hints) |
| Introspection | Recording cognitive reactions to stimuli | She used introspection to examine her reactions to spiders | Wundt |
| Structuralism |  |  | Wundt |
| Functionalism |  |  | James |
| Psychoanalytic perspective |  |  | Freud |
| Biopsychology (biological) perspective |  |  |  |
| Evolutionary perspective |  |  | Darwin |
| Behavioral perspective |  |  | Watson, Pavlov, Skinner |
| Cognitive perspective |  |  | Piaget |
| Socio-cultural perspective |  |  |  |
| Humanist perspective |  |  | Maslow, Rogers |
| Biopsychosocial perspective |  |  |  |
| Gestalt psychology |  |  | Wertheimer |
| Hindsight bias |  |  |  |
| Applied research |  |  |  |
| Basic research |  |  |  |
| Hypothesis |  |  |  |
| Independent variable |  |  |  |
| Dependent variable |  |  |  |
| Theory |  |  |  |
| Operational definition |  |  |  |
| Validity |  |  |  |
| Reliability |  |  |  |
| Representative sample |  |  |  |
| Random sampling |  |  |  |
| Stratified sampling |  |  |  |
| Experiment |  |  |  |
| Confounding variables |  |  |  |
| Random assignment |  |  |  |
| Controls |  |  |  |
| Group-matching |  |  |  |
| Experimenter bias |  |  |  |
| Double-blind procedure |  |  |  |
| Single-blind procedure |  |  |  |
| Participant bias |  |  |  |
| Social desirability |  |  |  |
| Hawthorne effect |  |  |  |
| Placebo method |  |  |  |
| Correlations |  |  |  |
| Survey method |  |  |  |
| Response rate |  |  |  |
| Naturalistic observation |  |  |  |
| Case study |  |  |  |
| Descriptive statistics |  |  |  |
| Frequency distribution |  |  |  |
| Measures of central tendency |  |  |  |
| Outliers |  |  |  |
| Positive/negative skew |  |  |  |
| Measures of variability |  |  |  |
| Normal curve |  |  |  |
| Correlational coefficient |  |  |  |
| Scatter plot |  |  |  |
| Line of best fit |  |  |  |
| Inferential statistics |  |  |  |
| Sampling error |  |  |  |
| P value |  |  |  |
| Statistical significance |  |  |  |
| Institutional Review Board (IRB) |  |  |  |
| Coercion |  |  |  |
| Informed consent |  |  |  |
| Anonymity |  |  |  |
| Confidentiality |  |  |  |
| debriefing |  |  |  |

Names: (describe importance)

Wilhelm Wundt—father of psychology, first to see psychology as science

Mary Whiton Calkins

Margaret Floy Washburn

G. Stanley Hall