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GROUP: 551-A

## Topic: Types of Scientific Research

### TEST 3

1. Choose ONE correct answer:

**1) Which type of scientific research aims to investigate cause-and-effect relationships?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Exploratory research

**2) Which type of scientific research involves collecting data by directly observing and recording behaviors or phenomena?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Exploratory research

**3) Which type of scientific research focuses on exploring new topics or generating initial ideas and hypotheses?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Exploratory research

**4) Which type of scientific research examines the relationship between variables without manipulating or controlling them?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Exploratory research

**5) Which type of scientific research aims to investigate phenomena in their natural settings without manipulation or control?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Exploratory research

**6) Which type of scientific research is often used to study complex social and psychological phenomena?**

- a) Qualitative research
- b) Quantitative research
- c) Mixed-methods research
- d) Longitudinal research

**7) Which type of scientific research involves studying the same individuals or groups over an extended period?**

- a) Cross-sectional research
- b) Longitudinal research
- c) Experimental research
- d) Observational research

**8) Which type of scientific research relies on numerical data and statistical analysis?**

- a) Qualitative research
- b) Quantitative research
- c) Mixed-methods research
- d) Case study research

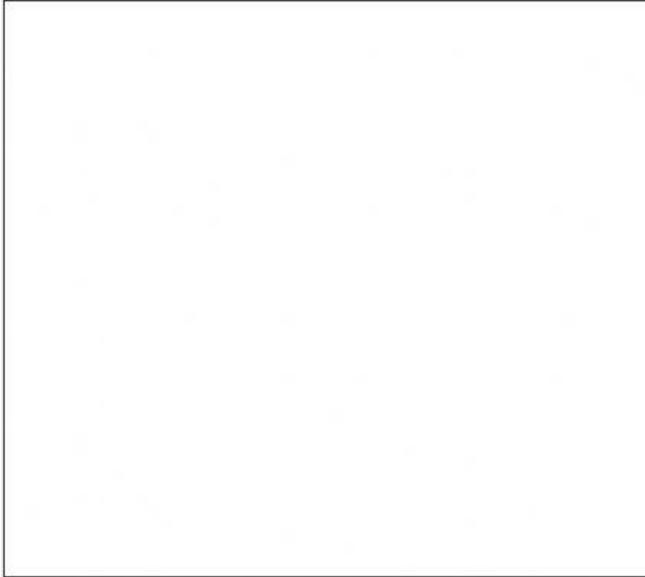
**9) Which type of scientific research involves in-depth investigation of a specific individual, group, or situation?**

- a) Descriptive research
- b) Correlational research
- c) Experimental research
- d) Case study research

**10) Which type of scientific research focuses on understanding and interpreting subjective experiences and meanings?**

- a) Qualitative research
- b) Quantitative research
- c) Mixed-methods research
- d) Experimental research

**2. Watch the video and chose correct answers**



**2. What about the video:**

**Types of Research**

**Scientific methods**

**Exploratory research**

**Mixed-methods research**

**3. Listen to the audio and answer: Which one about Mixed-methods research**

**Answer:**