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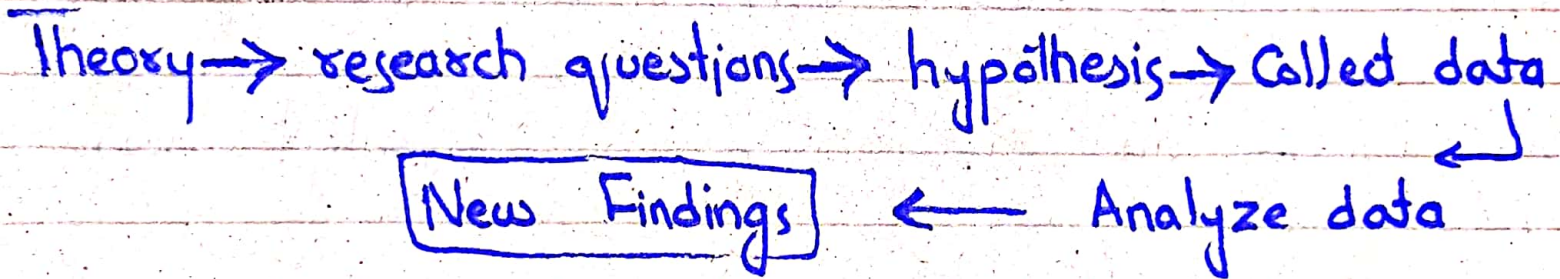
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Sub: Applied Qualitative techniques

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~~Def~~ "Deductive Research"

In Deductive research, goal of the researcher is to test concepts and patterns known from theory using new empirical data.



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theoretical concepts and relationships to see how well they reflect our observations of reality, with the goal of ultimately building better theories.
In the light of above statement we can say that both theory and observations are essential components of scientific research.

Ans 3c Inductive Research

The goal of the researcher is to deduct theoretical concepts and patterns from observed data.

OR
Inductive Research makes broad generalizations from specific observations.

Data Collection → Data Analysis → findings → tentative hypothesis
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Some Conceptual development (theory)

Ans 2

'Scientific Knowledge':

Scientific knowledge is what we learn from the scientific process, which involves experimenting and collecting of data to investigate and explain a phenomenon.

For example: Much of data about seafloor is collected without direct observations. Instead, scientists measures the time it takes for sound waves to reflect off the Ocean floor.

Scientific Research:

When theories and observations operate in fact finding and reaching to a new conclusions.

Theoretical level is concerned with developing abstract concepts about a natural or social phenomenon, and relationships between those concepts (theories), while the empirical level is concerned with testing the

Ans 1

Difference b/w Search & Research

Difference between Search & Research are as follows:

Research:

Research is the systematic investigation into and study of materials and sources in order to establish facts and reach new conclusions.
e.g. doing Research on COVID-19 vaccine.

Search:

Search is to find something by looking or otherwise seeking carefully and thoroughly.
e.g. looking / Searching for My Mobile.