**Topic: Why Is Sociology A Science**

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How is sociology a science

Sociology-it is the scientific study of human behaviour in the society and structures and dynamic that shape their social interactions. Scientific study of human behaviour and how it is affected by social life in the society.

Sociologists-investigates the structure of groups, organization and societies and how people interact within these context.

Sociology is considered a science because sociologists use scientific method to investigate human behaviour.

Sociology is considered a science due to several factors

1.Empirical research

It means what is experienced rather than what is seen. Sociologists use methods of experience to collect and analyze data similar to natural scientist. Sociologist rely on research by observation, survey and other methods to understand human behaviour similar to natural scientist

2.Objectivity

They base their opinions on facts rather than on their personal feeling they are unbiased, neutral and detached. Sociologist rely on facts rather than their personal believes to avoid biasness and preconceived notions. They are standardized methods rather than their personal feelings.

3.Systematic research

Sociologists use fixed system methods to collect and analyze data. They design studies,dulp, hypothesis, collect data and analyze results. This is scientific approach that helps enhance reliability to finding.

4.Replicability

Results of sociological research can be reproduced by other researchers to obtain a consistent result and strength the scientific validity of the field

5.Theoritical explanations

Sociologists explain their theories that support their research using theoretical framework such as structural functionalism to explain social phenomena. These theories help in better understanding .

6.Predictive power

Sociology aims to predict and explain social phenomena like other sciences. Although to some critics since humans have free choice, hence behaviour cannot be predictable. Although sociology to an extent has made prediction by identity pattern and relationship.

7.Generalization

Sociology use universal generalization. They try to discover laws that are applicable in all society just like marrying from one family is a taboo, or stealing is a crime. Just as scientist do the same.

8.Cumulative knowledge

Sociology contributes in overtime build up of knowledge and research upon existing finding which is a hallmark of scientific inquiry.

In conclusion sociology is still arguable whether it is a science or not. Some scientist argue it is a science while others still refuse