



1st lecture
terminology

➤ **phenomenon:** Experience, Event, observation that perceive our senses (phenomenon it remains As long as no interpretation Attach to it)

➤ **theory:** set of concepts connected together Project systematic Review of phenomena

4 components of theory :

a) Definitions

b) Domain of Applicability

c) Relationships, variables

d) predictions, claims

➤ Reasoning :

Deductive : From General to specific

Inductive: from specific to General

➤ **Concept:** Building Blocks for theory that Describe phenomenon (when phenomenon given name)

Component :

1- Antecedents

2- Attribute

3- Consequences.

➤ **Variables:**

Concepts that observable, measurable , Can vary , Marrow

➤ **Constructs:** Abstract image or idea invented For theory Building (not observed , complex) Broad (Like: Love, Aggression, Satisfaction)

➤ **proposition:** Statement for relationship link between (Concepts , Variables)

➤ **hypothesis:** Statement of Relationship between Concepts (It tested by research methods)

➤ **Assumption:** Statement Accepted to be true not been proved or tested

➤ **Axiom:** Statement Accepted As true without Proof (Postulate) from which theory maybe derived

➤ **Empirical Generalization:** Summarize results of studies

➤ **Empirical facts:** proposition assumed to be true on basis of previous researches

➤ **Model:** Symbolic representation of phenomenon (Pictorial, diagram, Structural, mathematics)

➤ **theoretical Framework:** Blueprint or guide, map , travel plan , principles, Brood, Structure researcher believe it could Explain phenomenon (outline of Course of Action Develops when no existing theory fits)