SISE & CTE, JABALPUR

ONLINE CLASS SESSION

- Date : 27/04/2020
- Coordinator : Smt. Sandhya Jain
- Class : M.Ed. 2nd Sem
- Time : 02 to 02:40 PM
- Paper : Research & Data Analysis
- Topic : Levels of Measurement.
  * Meaning of Measurement &Evaluation
  * Concept and Characteristics of Psychological Measurement & Physical Measurement
  * Discussion on Nominal or Classificatory Measurement with example
- TLM Used : Power Point Presentation
- Attendance : 39 Participant

14:34 4G

नामित मापन (Nominal Measurement)-

- पिनकोड 220011
- ATM नंबर 16
- बैंक खाता संख्या 14–16
- खिलाड़ी संख्या 11 → 7
- मोबाइल नंबर 10

14:33 4G

नामित मापन (Nominal Measurement)-

- पिनकोड
- ATM नंबर
- बैंक खाता संख्या
- खिलाड़ी संख्या
- मोबाइल नंबर

14:35 4G

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Nominal Scale

- Assign responses to different categories
- No numerical difference between categories
- Examples
  - Gender
  - Marital status
  - State of residence
  - College major
  - SSN
  - Zip code
  - Student ID

Mute Stop Video Share Participants More

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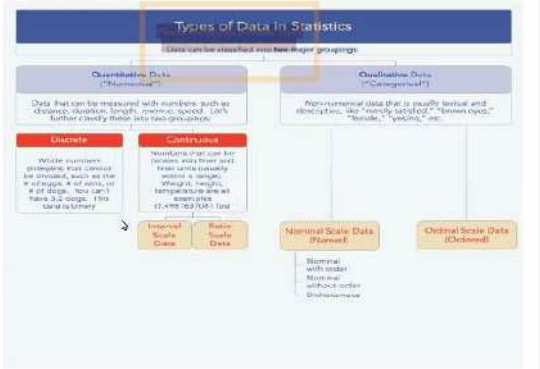

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13:43 Vo) 4G LTE

नामित मापन (Nominal Measurement)-

- इनमें व्यक्तियों अथवा घटनाओं को किसी गुण या विशेषता के
पर कोई नाम, शब्द, अंक या संकेत प्रदान किया जाता हैं। इनमें
क्रम या सम्बन्ध अंतर्निहित नहीं रहता हैं। यह एक गुणात्मक म
है, तथा प्राप्त मानों या संकेतों से कोई भी संक्रिया जैसे- जोड़,
गुणा, आदि सम्भव नहीं हैं।

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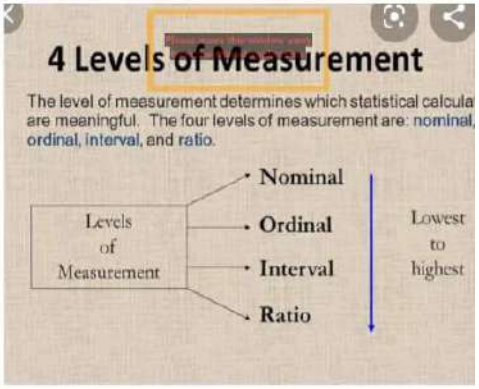

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मापन

- किसी वस्तु के गुणों तथा विशेषताओं का विवरण गुणात्मक तथा मात्रात्मक दोनों हो सकता है। अत: मापन भी दो प्रकार के होते हैं- गुणात्मक मापन तथा मात्रात्मक मापन।
- गुणात्मक मापन में गुण या विशेषता की उपस्थिति/अनुपस्थिति दर्शायी जाती है अथवा गुण या विशेषता का प्रकार बताया जाता है
- मात्रात्मक मापन में कोई भी गुण या विशेषता कितनी मात्रा में उपस्थित है इसका यथार्थ विवरण प्रस्तुत किया जाता है।

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14:20 4G

Physical Measurement	Measurement in Behavioural Sciences
1. It is an absolute measurement.	1. It is a relative measurement.
2. The reference point is zero.	2. It has no absolute, normative or arbitrary zero. The reference point is group performance.
3. It has definite or certain order.	3. It has recognizable order.
4. Though ultimate perfection is not possible but defined and certain measurement is possible.	4. Perfection is not possible.
5. It has the fixed units for measuring a trait. It is constant throughout the measurement. Units are fundamental and of definite value.	5. There is no fixed unit for measuring any trait or variable. It varies during the process of measurement. Units are derived and of indefinite value.
6. The data are interpreted directly.	6. The raw data are meaningless but these have to be transformed into standard scores for interpretation.
7. The trait is directly measured.	7. The trait is indirectly measured with the help of behaviours.
8. It is perfectly objective and valid.	8. It is a subjective measurement but tries to make it objective and valid.
9. There are fixed tools for measuring the separate traits.	9. There is no fixed or final measuring instrument for a single trait or variable.
10. It is almost at ratio-scale.	10. It is at nominal, ordinal and interval scales.
11. It has a great precision.	11. It has less precision.

14:15 4G

Measurements

- *Physical measurement* involves dimensions that have agreed-upon standards and instruments.
  - *Examples: length, weight, time*
- *Psychological measurement* is used to measure constructs for which there is no agreed upon standard or instrument.
  - Are there agreed upon standards for what is considered beauty, intelligence, or aggression?
- Psychologists develop measures to assess these and other psychological constructs.

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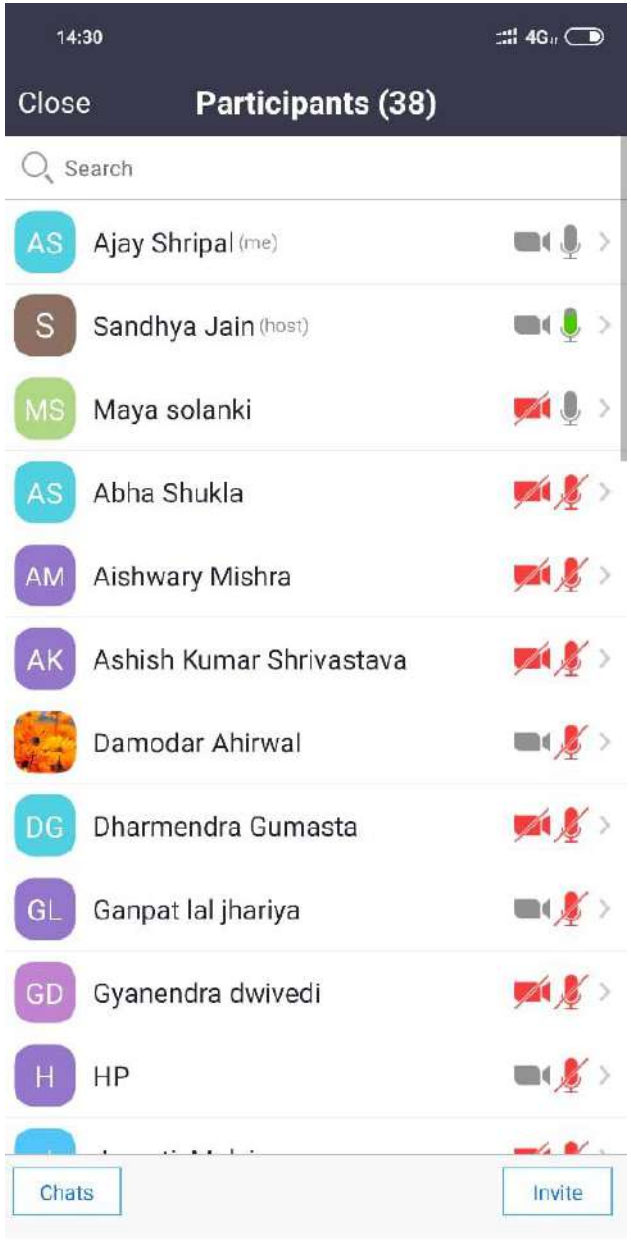
14:30
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Close
Participants (38)
Search
AS Ajay Shripal (me)
S Sandhya Jain (host)
MS Maya solanki
AS Abha Shukla
AM Aishwary Mishra
AK Ashish Kumar Shrivastava
Damodar Ahirwal
DG Dharmendra Gumasta
GL Ganpat lal jhariya
GD Gyanendra dwivedi
H HP
Chats
Invite

14:04
4G
Vishnu pandey, arti pandey
prashant kori
Keshav Prasad Dubey
Uma Shankar kori

14:23
4G
Narendra Kumar Sahu
prashant kori
Keshav Prasad Dubey
Ganpat lal jhariya