

# **VALUE ADDED COURSE**

**RESIDENTS AS EDUCATORS**

# ASSESSMENT

**Dr.V.Mahidhar Reddy**

**Why assessment ?**



**How to choose best tool for  
assessment ??**

# How to choose best tool for assessment ??

- **Aligning the objectives**
- **Validity**
- **Reliability**
- **Standardization**



**VALIDITY**

**INVALIDITY**  
**SOURCES OF ERROR**

**UNCERTAINTY OF DECISIONS**

**SOURCES OF EVIDENCE**

**THREATS TO VALIDITY**





# Criteria of a good pre-employment test

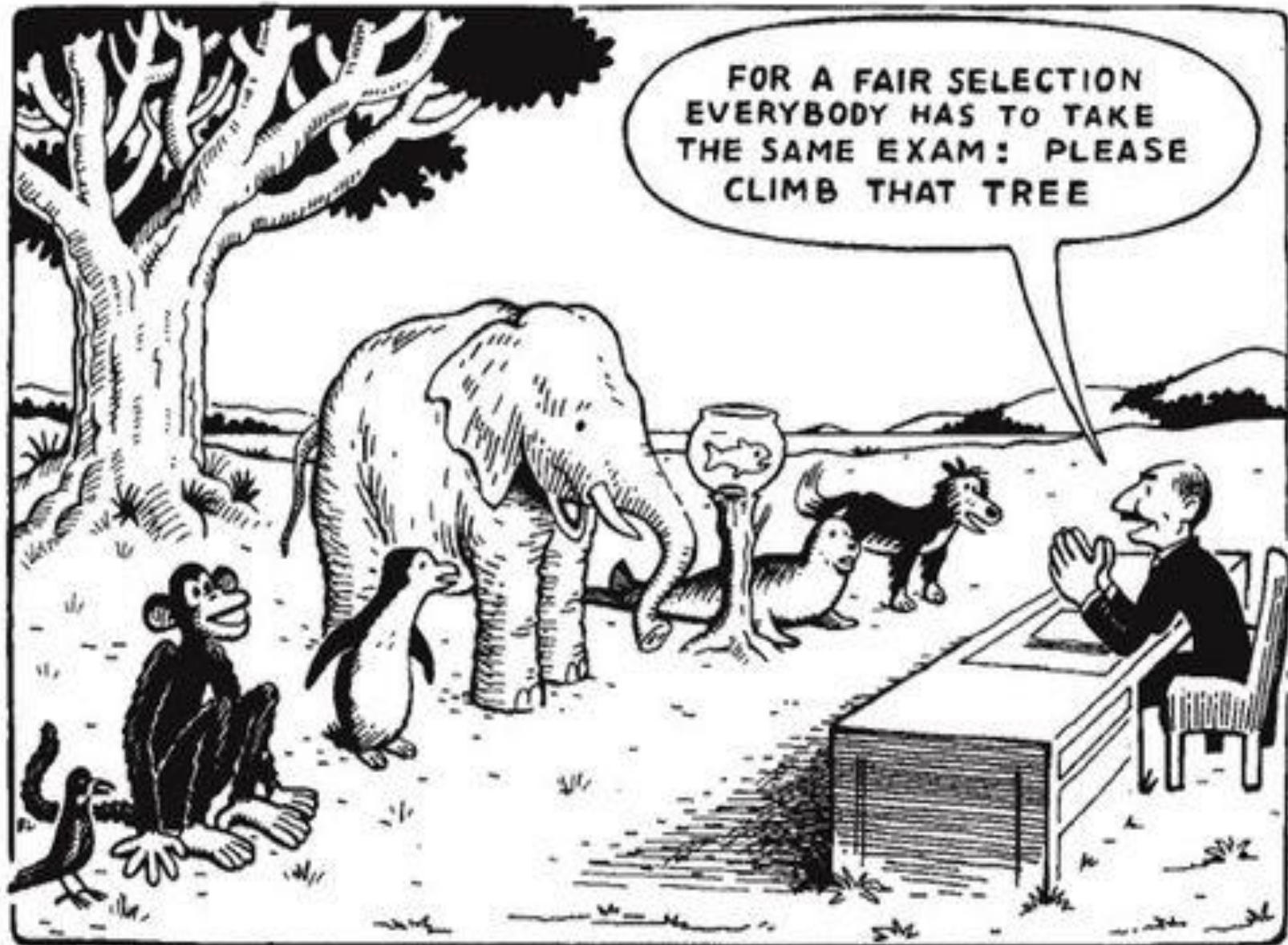


# Standardization



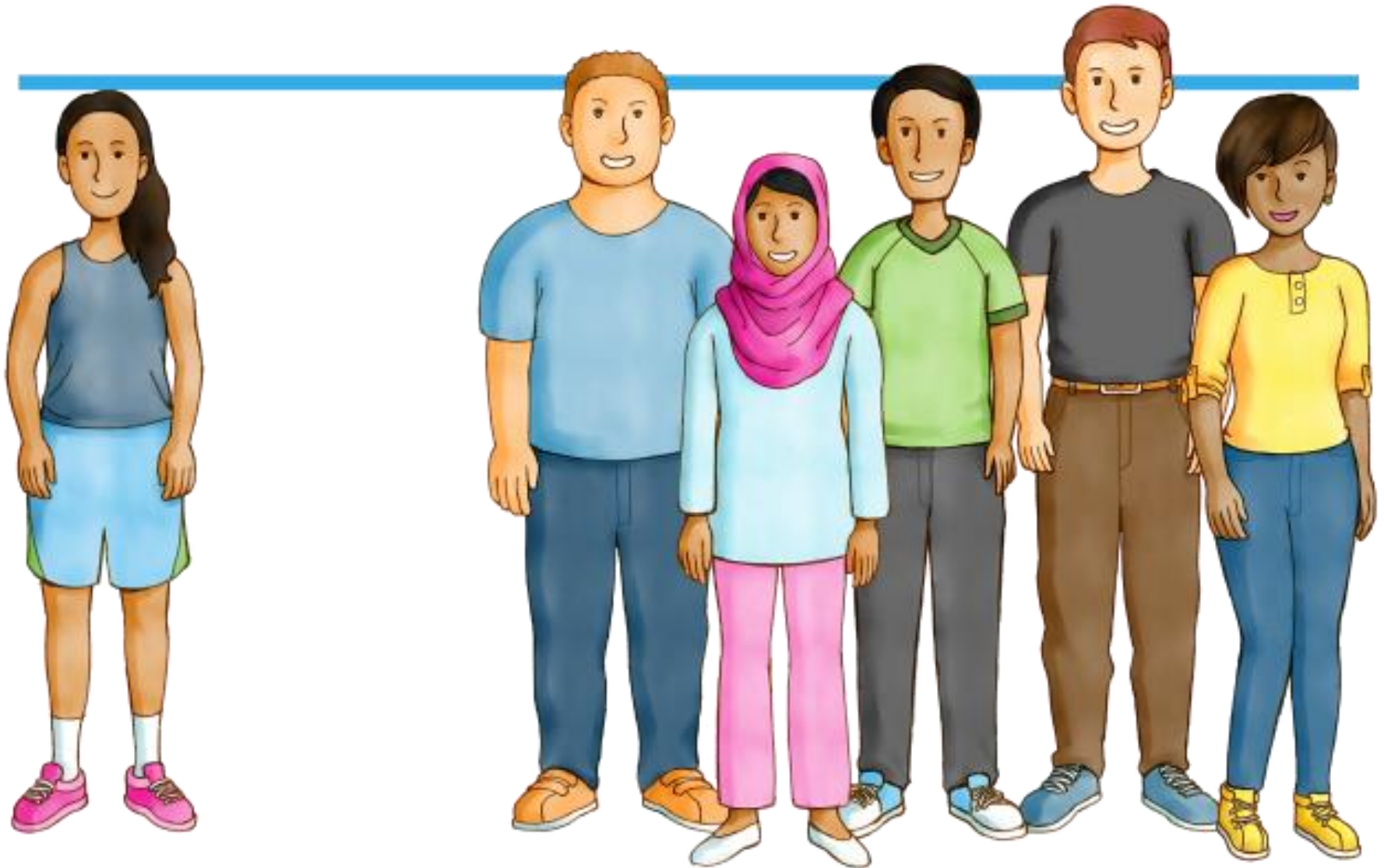
# How to choose best tool for assessment ??

- **Aligning the objectives**
- **Validity**
- **Reliability**
- **Standardization**
- **Practical considerations**
- **Ethical considerations**



# **Types of tools / instruments**

# Norm referenced





**Criterion  
referenced**



OPEN ENDED

VS.

CLOSE ENDED

QUESTIONS



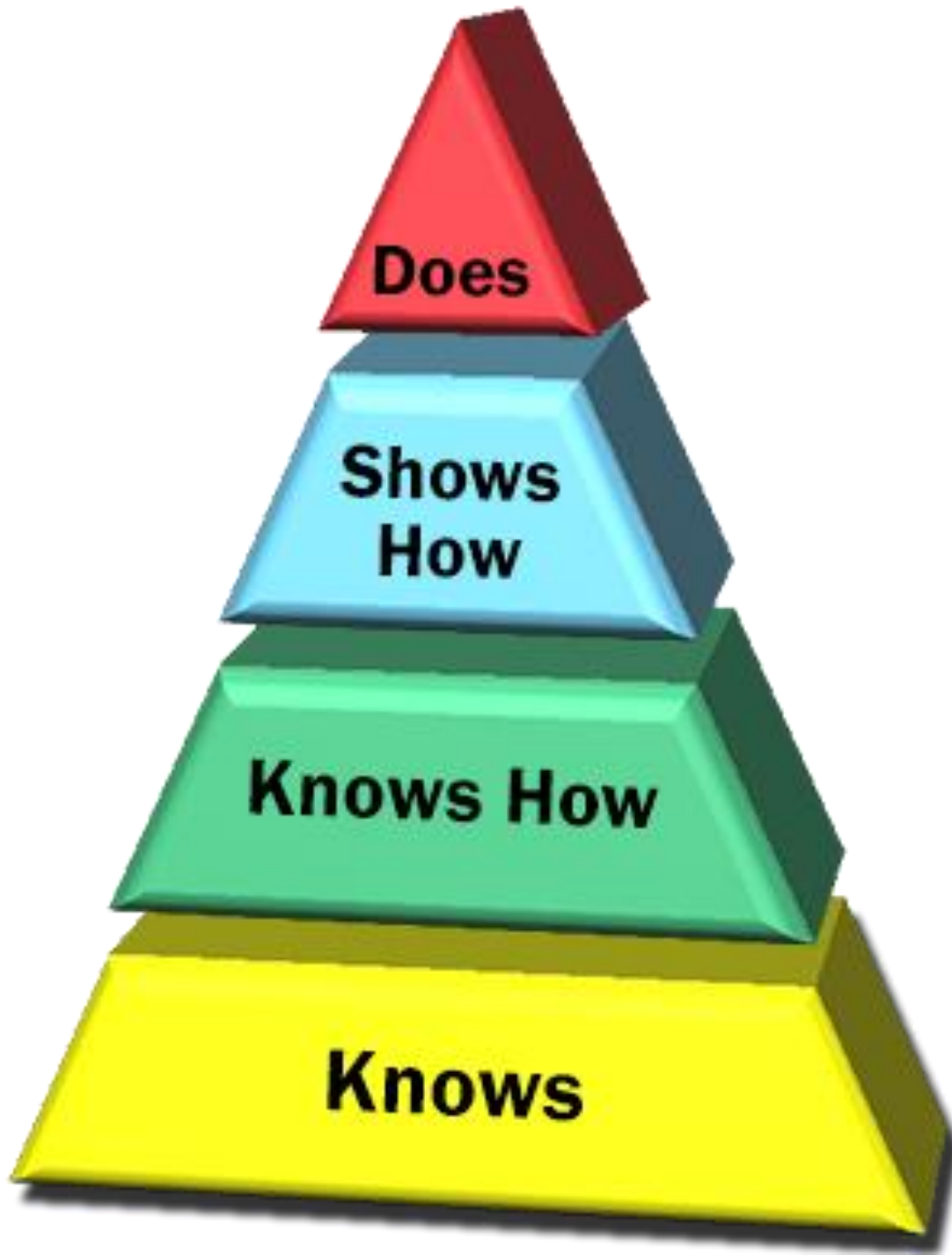
Perfect  
for  
social groups!



Parametric  
Test

Nonparametric  
Test

# Tools for assessment

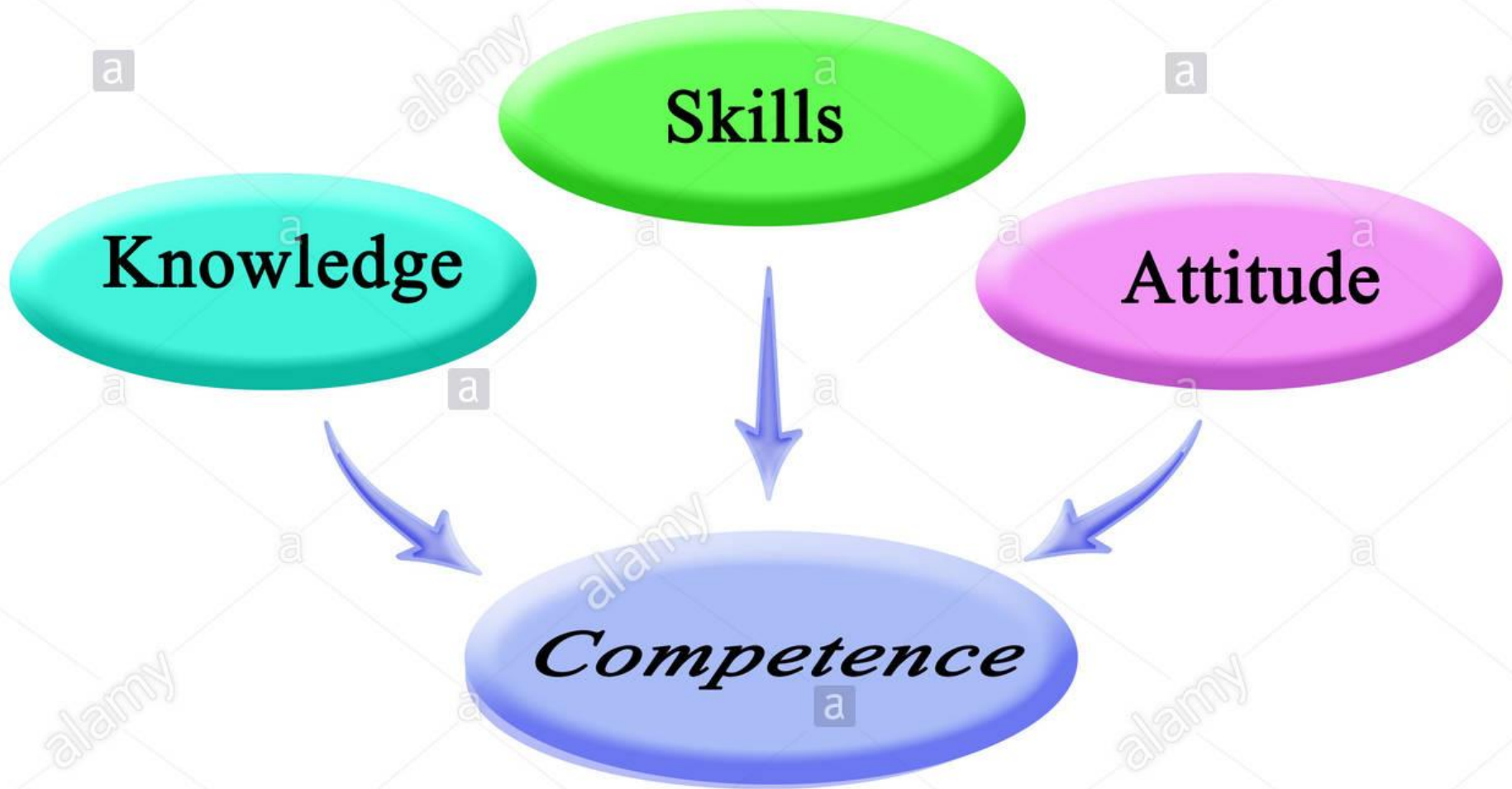


**Miller's  
pyramid of  
clinical  
competence**

# Tools for assessment

## Sample assessment methods

Knows	Knows how	Shows	Does
<ul style="list-style-type: none"><li>-MCQs</li><li>-Multiple T/F</li></ul>	<ul style="list-style-type: none"><li>-SAQ</li><li>-LAQ</li><li>-Viva voce</li></ul>	<ul style="list-style-type: none"><li>-OSCE</li><li>-Standardized patients</li><li>-Simulations with models</li></ul>	<ul style="list-style-type: none"><li>-Mini-CEX</li><li>-DOPS</li><li>-360 evaluation</li><li>-Chart simulated recall</li><li>-Portfolios with reflection</li><li>-WPBA</li></ul>



# ORIENTATIONS TO ATTITUDE ASSESSMENT

- Behavioural

- Observation of behaviours

- Psychometric

- Standardized pen-and-paper tests

- Counselling

- One-to-one discussion

# Evaluation

