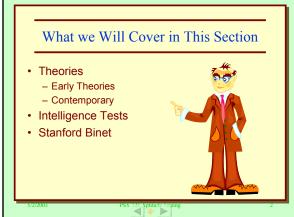
Advanced Tests and Measurement	
Cognitive/Aptitude Testing	
5/2/2003 PSY 721 Aptitude Testing 1	



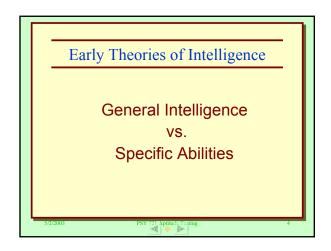




and complex situations? • A construct, not a thing. Not defined in terms of one type of behavior. Should be related to success in a variety of cognitively demanding activities.

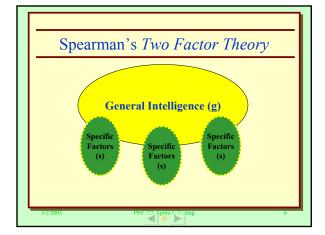
What is it?

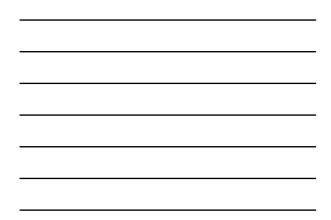
SY 721 Aptitude Testi



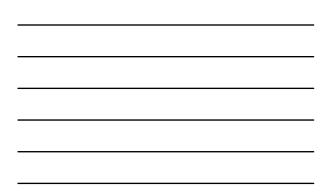
Factor Ana	alysis	
Test	Factor I	Factor II
Vocabulary	.91	06
Analogies	.75	.02
Sentence Completion	.80	.00
Disarranged Sentences	.39	02
Reading Comprehension	.86	04
Addition	09	
Multiplication	.07	.64
Arithmetic Problems	.18	
Equation Relations	.16	.54
Number Series Completion	.13	

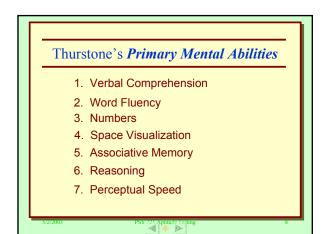


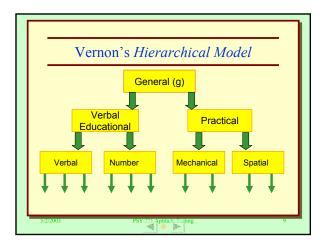




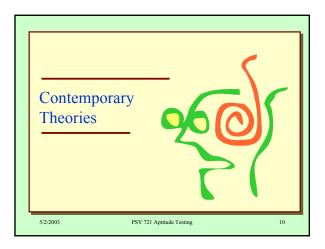
	Spearman's Test Score	
	Test Score = G + S + error	
- 3	5/2/2003 PSY 121 Aptitude Testing 7	



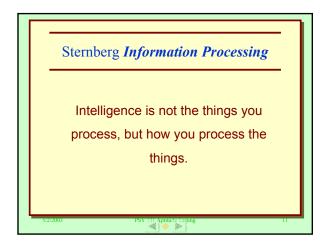


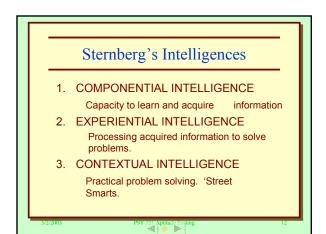


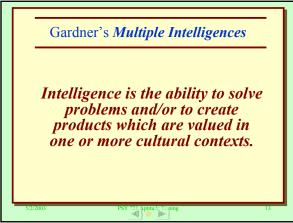








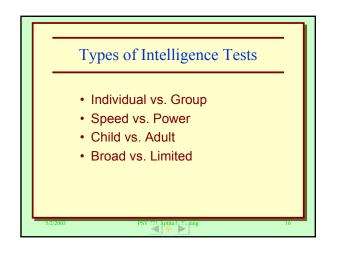


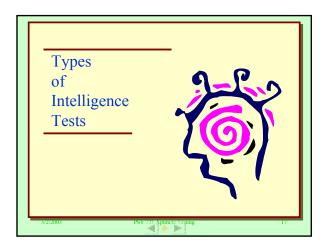


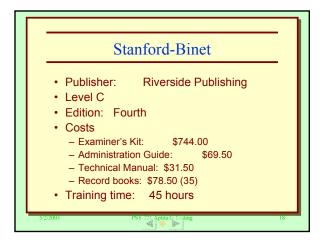


Characteristics of a Good Intelligence Test.
 Broad sample of cognitively demanding tasks.
2. Broad sample of items.
3. Focus on aptitude, not achievement.
4. "Indifference of the indicator"

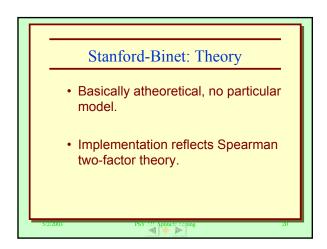
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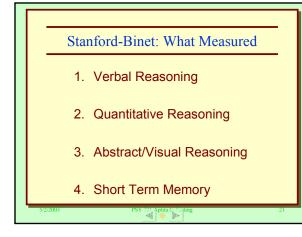






		Sta	anford-Binet: History
	•	1905	Binet's first edition.
	•	1916	Published in U.S. By Terman – Two parallel forms by 1937.
	•	1960	Combined two forms but no major restandardization.
	•	1972	Restandardized with little major change to content.
	•	1986	Major technical revisions
5/2	/2003		PSY 721, Aptitude Teating 19





AdaptiveModify the level of the iteTestingbased on the subject's priorresponses.

