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ABSTRACT

Designed to index the kinds of meaning relationships that children perceive to exist between words and their references, this test consists of 276 pairs comprising 24 categories. For each item of the test, the subjects were asked to rank each pair of statements depending on how well they thought the words on the left were described. Content validity for the test was established by devising five logical groupings of categories and by having five judges place 120 items in the appropriate category. The extent of agreement among judges and between judges ranged from .80 to .95. The range in correlations between tests was .67 to .92, with a mean of .73. [This document is one of those reviewed in The Research Instruments Project (TRIP) monograph "Measures for Research and Evaluation in the English Language Arts" to be published by the Committee on Research of the National Council of Teachers of English in cooperation with the ERIC Clearinghouse on Reading and Communication Skills. A TRIP review which precedes the document lists its title, author, date, and age range (intermediate, junior high), and describes the instrument's purpose and physical characteristics.]
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201 350



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Category:

Title: "Semantic Features Test"

Author: Peter O. Evanechko

Age Range: Intermediate, Junior High

Description of the Instrument:

Purpose-- To index the kinds of meaning relationships children perceive to exist between words and their referents.

Date of Construction-- 1970

Physical Description-- This test consists of 276 pairs comprising twenty-four categories and examples are as follows:

Children's Meaning Space

Children's Meaning Categories

1. Synonym. The members of each word pair have exactly or very nearly the same referent:

e.g. big--large
steal--rob

2. Similarity. The members of each word pair are similar through being aligned on some dimension, with the referent of the right hand member occupying a more extreme position on this dimension:

e.g. small--tiny
hungry--starving

3. Supraordinate. The left-hand member denotes a common class of which the right-hand concept is a member:

e.g. bird--sparrow
fruit--apple

4. Coordinate. The members of each pair refer to familiar members of a familiar class:

e.g. chair--table
beets--peas

5. Attribute. The right-hand member of each pair refers to a quality or attribute generally recognized as characterizing the object denoted by the left-hand member:

e.g. lemon--sour
turtle--slow

6. Contrast. The members of each word pair refer to opposite ends of a continuum:

e.g. hard--easy
loud--soft

7. Action-of. The right-hand member of each pair is an intransitive verb denoting concrete action associated with and performed by the agent referred to by the left-hand member:

e.g. dog--bark
baby--cry

8. Action-upon. The left-hand member of each pair is a transitive verb denoting a concrete action associated with and performed upon the object referred to by the right-hand member:

e.g. sweep--floor
throw--ball

9. Whole-part. The right-hand member of each pair refers to a familiar object recognized as important parts of a familiar whole denoted by the left-hand member:

e.g. bird--wing
hand--finger

10. Part-part. The members of each pair refer to familiar objects which are parts of a familiar whole:

e.g. wall--floor
arm--head

11. Common use. The right-hand member of each pair denotes an object associated with and acted upon by the agent referred to by the left-hand member:

e.g. farmer--tractor
dog--bone

12. Use of. The right-hand member of each unit denotes a use made of the left-hand member:

e.g. orange--you eat it
envelope--you put letters in it

13. Repetition. The right-hand member of each unit is a repetition of the concept referred to by the left-hand member:

e.g. drink--you drink water
tap--you tap on the wall

14. Contiguity. The left-hand member of the unit is defined by direct concrete interaction of place, time or activity with the right-hand member:

e.g. apple--grows on a tree
late--you can see by the clock

15. Free association. The members of the unit are free associates:

e.g. carry--heavy
enjoy--fun

16. Connotation. The right-hand member of each pair connotes a relationship with the left-hand member:

e.g. royal--strong
modern--good

17. Analysis. The right-hand member is an analysis of the left-hand member indicating certain dimensions of function of this concept:

e.g. rule--having power over people
lengthen--make a thing longer by adding to it

18. Synthesis. The right-hand member defines the left-hand member by stating its relation with other concepts commonly associated with it:

e.g. acorns--from an oak tree
bunk--it has two levels

19. Extension of a class (Implication). The right-hand member of the unit gives examples of concepts to which the left-hand member might refer implying a degree of familiarity with the concept:

e.g. bugs--insects and flies
farming--crops and animals

20. Denotation in Context. The left-hand member is defined by use in context:

e.g. sharpen--sharpen the knife till it
cuts well

21. Ostensive Definition. The right-hand member defines the left-hand member largely on the basis of experience:

e.g. tickle--you make someone laugh
selfish--all for yourself

22. Generic Definitions. The right-hand member denotes the common class to which the left-hand member belongs:

e.g. kindle--burn
cup--dinnerware

23. Class membership implied. The right-hand phrase attempts to bridge the gap between general and specific by using phrases such as "a kind of," "sort of" or "like a":

e.g. cone--like an ice-cream cone
stool--like a chair

24. Intension of a class (Genus et Differentia). The right-hand member states the class as well as the distinguishing features of the left-hand member:

e.g. sipped--drank a little at a time
notice--see and remember

For each item of the test, the subjects were asked to rank each pair of statements depending on how well they thought the words on the left were described. The pairs were to be ranked by having the children fill in the space on the answer sheet that stood for the word or statement

they thought was closer in meaning to the word it described and by leaving blank the space that stood for the word or statement they thought was not as close.

TEST

1. a. _____ unwashed - dirty
b. _____ yell - scream

2. a. _____ moving - stepping
b. _____ poppy - daisy

51. a. _____ horseshoe - hard
b. _____ rejoice - feel sad

52. a. _____ amaze - you amaze me
b. _____ cowhide - comes from cattle

ANSWER SHEET

- | | | | | | |
|----|--------------|--------------|-----|--------------|--------------|
| 1. | <u> a </u> | <u> b </u> | 51. | <u> a </u> | <u> b </u> |
| 2. | <u> a </u> | <u> b </u> | 52. | <u> a </u> | <u> b </u> |

Validity, Reliability, and Normative Data:

The test was administered to 266 pupils - 133 in grade five and 133 in grade eight. The means for each grade, respectively, were 158.87 and 162.47. Content validity for the test was established by devising five logical groupings of

categories and by having five judges place 120 items in the appropriate category. The extent of agreement among judges and between judges ranged from .80 to .95. To determine the suitability of items for the various definitions in each category, the items were judged in terms of the definitions by five other people. Construct validity is claimed on the basis of the results of a pilot study. Data obtained indicated general confirmation of the theoretical position and the assumption upon which the test was constructed. The reliability coefficients based on the KR-20 formula and based on the data of the pilot study were .88, .85, and .86 for subjects in grade four, five and six, respectively. A further check on reliability was made by selecting a random sample of 38 subjects from the pilot study and re-administering the test after a period of approximately one and one half months. The range in correlations between tests was .67 to .82, with a mean of .73. The correlations were considered adequate since the test was designed to measure a changing characteristic.

Ordering Information: EDRS

Related Documents:

Evanechko, Peter O. The Dimensions of Children's Meaning Space. Unpublished Doctoral Dissertation. The University of Alberta, Edmonton, Alberta, 1970.

Peter O. Evanecchko

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Peter O. Evanecchko
"Semantic Features Test"
1970

THE SEMANTIC FEATURES TEST

NAME _____ last _____ first _____

GRADE _____ AGE _____ years _____ months

SCHOOL _____

DATE _____

PREPARED BY
DR. P. O. EVANECHKO

SEMANTIC FEATURES TEST

Directions to the Student:

This is a test to find out how you look at the meanings of words. You will be given many pairs of statements made up of words and their meanings. These meanings will be of many different kinds. For example some words will be put together with their opposites, such as "hot - cold". Others will be matched with single words which could take their place, such as "car - automobile". Still others will be described, such as "skill - being able to do something well". There will be many other such statements. You will be asked to rank each pair of statements depending on how well you think the words on the left are described. These pairs are to be ranked by filling in the space on the answer sheet that stands for the word or statement you think is closer in meaning to the word it describes and leaving blank the space that stands for the word or statement you think is not as close. There is no one best way to answer these questions. We simply want to see what you think are the best ways of giving meanings of words. Remember you are to compare the different ways you can give meanings for words. Do not worry whether the word has a complete meaning since each word is described in a different way. Think only of the kind of meaning given for each word and choose the one which is nearer what you think the word means in each pair of statements.

Here is an example of what one ranking might look like:

TEST

1. a. _____ big - large
- b. _____ cone - like an ice-cream cone

ANSWER SHEET

1. b

Be sure to carefully fill in only one space for each question.

S A M P L E

You will be asked to do this test by placing marks on answer sheets.

Here are some questions for you to use in practicing the marking of the answer sheets. Your teacher will check your marking.

TEST

1. a. _____ unwashed - dirty
b. _____ yell - scream
2. a. _____ moving - stepping
b. _____ poppy - daisy
51. a. _____ horseshoe - hard
b. _____ rejoice - feel sad
52. a. _____ amaze - you amaze me
b. _____ cowhide - comes from cattle
101. a. _____ satisfy - to fill the wishes of someone
b. _____ skull - bones and skeleton
102. a. _____ travel - when you go someplace
b. _____ better - goodness

ANSWER SHEET

- | | | | |
|----------------------|-----------------------|------------------------|------------------------|
| 1. <u>a</u> <u>b</u> | 51. <u>a</u> <u>b</u> | 101. <u>a</u> <u>b</u> | 151. <u>a</u> <u>b</u> |
| 2. <u>a</u> <u>b</u> | 52. <u>a</u> <u>b</u> | 102. <u>a</u> <u>b</u> | 152. <u>a</u> <u>b</u> |

1. a. ___ big - large
b. ___ small - tiny
2. a. ___ hungry - starving
b. ___ bird - robin
3. a. ___ fruit - apple
b. ___ chair - table
4. a. ___ beets - peas
b. ___ lemon - sour
5. a. ___ turtle - slow
b. ___ hard - easy
6. a. ___ loud - soft
b. ___ dog - bark
7. a. ___ baby - cry
b. ___ sweep - floor
8. a. ___ throw - ball
b. ___ bird - wing
9. a. ___ hand - finger
b. ___ wall - floor
10. a. ___ arm - head
b. ___ dog - bone
11. a. ___ farmer - tractor
b. ___ orange - for eating
12. a. ___ envelope - for putting letters in
b. ___ drink - a drink of water
13. a. ___ tap - a tap on the wall
b. ___ apple - grows on a tree
14. a. ___ late - you can see by the clock
b. ___ carry - heavy
15. a. ___ enjoy - fun
b. ___ royal - strong
16. a. ___ modern - good
b. ___ rule - to control people
17. a. ___ lengthen - make a thing longer
b. ___ cones - from a pine
18. a. ___ bunk - it has two levels
b. ___ bugs - beetles or flies

19. a. ___ farming - crops and animals
b. ___ sharpen - sharpen the knife till it cuts well
20. a. ___ bitten - bitten by a snake
b. ___ tickle - you make someone laugh
21. a. ___ selfish - all for yourself
b. ___ scorch - burn
22. a. ___ cup - dishes
b. ___ cone - like an ice-cream cone
23. a. ___ stool - a sort of chair
b. ___ sipped - drank a little at a time
24. a. ___ notice - see and remember
b. ___ steal - rob
25. a. ___ equal - same
b. ___ vegetable - carrot
26. a. ___ good - better
b. ___ knife - fork
27. a. ___ industry - factory
b. ___ elephant - heavy
28. a. ___ necklace - earrings
b. ___ wet - dry
29. a. ___ diamonds - expensive
b. ___ hockey player - skate
30. a. ___ unhealthy - well
b. ___ play - piano
31. a. ___ crocodile - swim
b. ___ face - eye
32. a. ___ eat - apple
b. ___ door - window
33. a. ___ book - page
b. ___ cripple - crutch
34. a. ___ hand - leg
b. ___ scissors - for cutting
35. a. ___ student - pencil
b. ___ ring - ring the bell
36. a. ___ shotgun - for shooting
b. ___ stove - found in a kitchen

37. a. approach - approach the door
b. happen - did
38. a. cartoon - found in comics
b. incorrect - bad
39. a. listen - quiet
b. loosen - to make less tight
40. a. immovable - strong
b. community - it has many people
41. a. memorize - learn and remember something
b. seaman - ships and sailing
42. a. fruit - from an orchard
b. enlarge - enlarge the hole with this shovel
43. a. alphabet - A, B, C
b. unfasten - you undo something
44. a. invent - invent a new machine
b. water - liquid
45. a. unlock - when you open the lock
b. boar - a kind of pig
46. a. pork - food
b. advice - helpful information
47. a. refreshments - like something to eat
b. vacant - empty
48. a. album - book for pictures
b. smile - laugh
49. a. active - lively
b. sweater - jacket
50. a. cool - cold
b. flame - hot
51. a. animal - deer
b. hot - cold
52. a. pipe - cigar
b. lion - roar
53. a. whale - large
b. chew - gum
54. a. strong - weak
b. shoe - heel

55. a. ___ rabbit - hop
b. ___ pedal - handlebars
56. a. ___ wash - hands
b. ___ baby - rattle
57. a. ___ tree - branch
b. ___ acid - for eating things away
58. a. ___ collar - sleeve
b. ___ believe - believe in it
59. a. ___ carpenter - nail
b. ___ comma - placed in a sentence
60. a. ___ ankle - for joining foot to leg
b. ___ prepare - ready
61. a. ___ borrow - borrow something from him
b. ___ fantastic - dangerous
62. a. ___ farmhouse - where farmer lives
b. ___ mention - talk to others about something
63. a. ___ sit - down
b. ___ airline-- it has passenger planes
64. a. ___ unequal - bad
b. ___ baggage - suitcases and packages
65. a. ___ shortly - happening in a little while
b. ___ shiver - shake and shiver in the cold
66. a. ___ bait - it attracts animals
b. ___ brag - you talk about yourself
67. a. ___ furniture - chairs or tables
b. ___ basketball - game
68. a. ___ beyond - he went beyond the fence
b. ___ arctic - like the north
69. a. ___ convince - you talk a person into believing
b. ___ alphabet - set of letters
70. a. ___ perch - a fish
b. ___ adult - grown up
71. a. ___ bomber - a kind of large airplane
b. ___ damp - wet
72. a. ___ gizzard - bird's second stomach
b. ___ furniture - sofa

73. a. ___ usual - regular
b. ___ icecube - cold
74. a. ___ comfortable - very satisfied
b. ___ tall - short
75. a. ___ building - skyscraper
b. ___ cat - purr
76. a. ___ statue - painting
b. ___ eat - bread
77. a. ___ mouse - small
b. ___ bicycle - wheel
78. a. ___ old - young
b. ___ headlight - brake
79. a. ___ bandit - rob
b. ___ soldier - rifle
80. a. ___ wear - blouse
b. ___ blanket - for covering
81. a. ___ house - window
b. ___ brighten - brighten the color
82. a. ___ foot - knee
b. ___ farmyard - land surrounding a farmhouse
83. a. ___ shoemaker - boots
b. ___ belong - yours
84. a. ___ bumper - for protecting a car
b. ___ certain - good
85. a. ___ beautify - beautify the room
b. ___ amuse - make smile and laugh
86. a. ___ pianist - plays in a band
b. ___ bumper - part of car
87. a. ___ deceive - receive
b. ___ cosmetics - lipstick and powder
88. a. ___ unprotected - weak
b. ___ shrink - shrink it down to size
89. a. ___ arrest - to take prisoner for wrongdoing
b. ___ brave - when you show courage
90. a. ___ stub - part of ticket
b. ___ beetle - insect

91. a. crime - stealing or killing
b. dictionary - sort of a word book
92. a. dock - dock the ship at the pier
b. canal - man-made river
93. a. drift - when you float along
b. troubled - worried
94. a. window - glass
b. bold - very brave
95. a. bulldog - a kind of dog
b. farm - field
96. a. grandparents - parents of parents
b. oats - wheat
97. a. awkward - clumsy
b. deep - shallow
98. a. good - expert
b. hunter - shoot
99. a. fish - salmon
b. blow - harmonica
100. a. pistol - rifle
b. foot - toe
101. a. plains - flat
b. hoof - tail
102. a. early - late
b. pilot - airplanes
103. a. horse - gallop
b. stereo - for playing records
104. a. paint - picture
b. arrange - arrange all the pieces
105. a. flashlight - battery
b. bomb - dropped on targets in battle
106. a. propeller - motor
b. bitter - sour
107. a. doctor - drug
b. great - strong
108. a. bank - for saving money
b. moan - to make a low sound as in pain

109. a. ___ assemble - assemble the parts
b. ___ fishhook - it is attached to a line and rod
110. a. ___ suitcase - found in trains and planes
b. ___ merchant - buys and sells
111. a. ___ bright - light
b. ___ sneak - quietly sneak away
112. a. ___ harmless - soft
b. ___ blast - something which explodes at you
113. a. ___ combine - put things together in groups
b. ___ chisel - tool
114. a. ___ egg - from a chicken
b. ___ globe - like a ball
115. a. ___ romance - love and kisses
b. ___ glance - look at quickly
116. a. ___ soften - pound the piece to soften it
b. ___ breezy - windy
117. a. ___ vanish - you see it disappear
b. ___ trained - highly educated
118. a. ___ giraffe - animal
b. ___ planet - Mars
119. a. ___ elastic - like rubber
b. ___ ring - bracelet
120. a. ___ nostril - opening in the nose
b. ___ skeleton - brittle
121. a. ___ uncooked - raw
b. ___ insect - crawl
122. a. ___ slim - skinny
b. ___ report - news
123. a. ___ science - chemistry
b. ___ eyelid - eyelash
124. a. ___ lantern - flashlight
b. ___ fins - gills
125. a. ___ icebox - cold
b. ___ pupil - scribbler
126. a. ___ serious - funny
b. ___ camera - for taking pictures

127. a. ___ baby-sitter - watch
b. ___ attach - attach the ends together
128. a. ___ shorten - dress
b. ___ electricity - carried by wires
129. a. ___ ship - anchor
b. ___ hard - rock
130. a. ___ window - roof
b. ___ pleasing - soft
131. a. ___ baker - bread
b. ___ murmur - whisper to someone
132. a. ___ galoshes - for wearing on your feet
b. ___ sparkplug - it has to do with the motor
133. a. ___ attract - attract his attention
b. ___ sculpture - statues or stone animals
134. a. ___ scientist - works in a laboratory
b. ___ stolen - stolen by robbers from the bank
135. a. ___ high - up
b. ___ wade - you walk in the water
136. a. ___ playful - good
b. ___ cinnamon - flavoring
137. a. ___ openly - do in plain sight
b. ___ grove - like a small woods
138. a. ___ fuel - it burns in a stove
b. ___ blink - open and close eye quickly
139. a. ___ community - people and homes
b. ___ disgraceful - shameful
140. a. ___ support - it can support the weight
b. ___ jump - leap
141. a. ___ sign - you write your name
b. ___ flavoring - vanilla
142. a. ___ poplar - tree
b. ___ newspaper - magazine
143. a. ___ silvery - like silver
b. ___ peacock - colorful
144. a. ___ doughnut - small cake with hole
b. ___ splendid - awful

145. a. ___ hurriedly - speedily
b. ___ sing - song
146. a. ___ nice looking - beautiful
b. ___ body - belly
147. a. ___ footwear - slipper
b. ___ cup - bowl
148. a. ___ pencil - pen
b. ___ scientist - microscope
149. a. ___ mountain - immovable
b. ___ horse - for riding
150. a. ___ here - there
b. ___ beat - beat the others
151. a. ___ beaver - dive
b. ___ paddle - moves a canoe
152. a. ___ attack - enemy
b. ___ pleasant - happy
153. a. ___ shotgun - trigger
b. ___ disloyal - bad
154. a. ___ yolk - eggshell
b. ___ invent - develop something new
155. a. ___ logger - timber
b. ___ thunderstorm - it brings clouds and rain
156. a. ___ dice - for playing games
b. ___ dairying - milk and butter
157. a. ___ bravely - act bravely
b. ___ surrender - surrender or be caught and killed
158. a. ___ basement - goes under the house
b. ___ interfere - when you get in the way
159. a. ___ slow - turtle
b. ___ hippopotamus - animal
160. a. ___ dishonest - bad
b. ___ liquid - like water
161. a. ___ perform - to act out a part
b. ___ cider - apple juice
162. a. ___ playpen - a baby's toys are found there
b. ___ singly - alone
163. a. ___ motor - gas and oil
b. ___ under - far below

164. a. ___ disobey - don't disobey, do as I say
 b. ___ musical instrument - guitar
165. a. ___ eagerly - you act because you like it
 b. ___ mosquito - fly
166. a. ___ mosquito - insect
 b. ___ mystery - strange
167. a. ___ reflect - sort of give off light
 b. ___ upward - downward
168. a. ___ coast - edge of land by an ocean
 b. ___ housekeeper - cleans
169. a. ___ surely - definitely
 b. ___ eyeglass - lens
170. a. ___ well - perfectly
 b. ___ caboose - boxcar
171. a. ___ metal - gold
 b. ___ sailor - ship
172. a. ___ scarf - mittens
 b. ___ magnet - for picking up iron
173. a. ___ swamp - wet
 b. ___ often - too often is too much
174. a. ___ somewhere - nowhere
 b. ___ pebble - found lying on the ground
175. a. ___ blade - cut
 b. ___ safely - home
176. a. ___ love - friends
 b. ___ unafraid - good
177. a. ___ broom - handle
 b. ___ practice - do again and again
178. a. ___ lung - heart
 b. ___ cookbook - it has many recipes
179. a. ___ waiter - menu
 b. ___ jewel - diamond or ruby
180. a. ___ saw - for cutting
 b. ___ thicken - thicken the gravy by adding more flour
181. a. ___ quote - quote the words
 b. ___ perform - when you do something
182. a. ___ train - runs on rails
 b. ___ mushroom - plant

183. a. obey - yes
b. memorize - sort of learn
184. a. unborn - soft
b. brand - special mark
185. a. pretend - make-believe that something is real
b. hard - difficult
186. a. musician - he has an instrument
b. gradually - at once
187. a. jewelry - rings and bracelets
b. human - boy
188. a. through - it went through the window
b. comma - period
189. a. upstairs - when you climb the stairs
b. germ - invisible
190. a. pamphlet - book
b. first - last
191. a. lodge - like another home
b. children - play
192. a. aspirin - drug for curing headaches
b. roam - road
193. a. sadly - unhappily
b. burner - oven
194. a. idly - lazily
b. jeweler - ring
195. a. grandparents - grandfather
b. eyeglass - for helping to see better
196. a. red - green
b. mash - mash it down
197. a. cartoon - funny
b. mathematics - working with numbers
198. a. longer - shorter
b. sadly - tear
199. a. pickpocket - steal
b. uncertain - weak
200. a. celebrate - birthday
b. earning - working to make money
201. a. book - chapter
b. shampoo - it has suds

202. a. bulb - switch
 b. business - stores and garages
203. a. thinker - ideas
 b. trample - crush and trample the grass down
204. a. suitcase - for travelling
 b. elect - when you choose by voting
205. a. begin - begin at the beginning
 b. moth - insect
206. a. dock - where ship ties up
 b. grin - a kind of smile
207. a. usually - quickly
 b. beaver - small furred animal
208. a. confess - good
 b. again - once more
209. a. refund - return money
 b. great - excellent
210. a. education - it needs schools and teachers
 b. crowd - man
211. a. juggle - toss and flip
 b. oranges - apples
212. a. cheaply - buying cheaply saves money
 b. arctic - cold
213. a. wander - you walk here and there
 b. excellent - terrible
214. a. apple - fruit
 b. cripple - limp
215. a. clam - a kind of shellfish
 b. rejoin - group
216. a. bomb - explosive material
 b. grain - oats
217. a. whole - complete
 b. postmaster - mail
218. a. often - hourly
 b. multiplication - for use in arithmetic
219. a. flower - rose
 b. blind - a blind person
220. a. breakfast - supper
 b. here - in this place

221. a. ___ hail - cold
b. ___ believe - tell
222. a. ___ later - earlier
b. ___ unexpected - good
223. a. ___ borrower - ask
b. ___ order - tell others to obey
224. a. ___ test - skills
b. ___ grain - from fields of crops
225. a. ___ violet - petal
b. ___ appearance - face and clothing
226. a. ___ trigger - barrel
b. ___ attack - soldiers attack the enemy
227. a. ___ plumber - wrench
b. ___ frequently - you do it often
228. a. ___ spool - for winding thread on
b. ___ oyster - shellfish
229. a. ___ blond - a blond girl
b. ___ jigsaw - a kind of puzzle
230. a. ___ iceberg - floats in the ocean
b. ___ bloodhound - breed of dog
231. a. ___ gleam - bright
b. ___ frequently - often
232. a. ___ unclean - bad
b. ___ long - stretched out
233. a. ___ outstanding - important work
b. ___ dog - collie
234. a. ___ knife - it has a blade
b. ___ cap - hat
235. a. ___ flavoring - vanilla and strawberry
b. ___ cliff - rocky
236. a. ___ finally - at last he finally went
b. ___ perfectly - poorly
237. a. ___ completely - you finish your work
b. ___ fire - burn
238. a. ___ daffodil - flower
b. ___ graze - grass
239. a. ___ rodeo - a kind of contest
b. ___ stream - rapids

240. a. whisper - soft sound
b. engine - boxcar
241. a. seldom - not often
b. shingles - for covering a roof
242. a. trot - gallop
b. bloody - a bloody knife
243. a. direction - south
b. branch - where the river divides
244. a. doughnut - muffin
b. crazily - dance
245. a. liquid - wet
b. unexplored - dangerous
246. a. sooner - later
b. quit - to stop
247. a. stream - gurgle
b. cobweb - from a spider
248. a. crack - egg
b. mine - dig and burrow
249. a. envelope - flap
b. forward - moving forward he advanced
250. a. page - cover
b. yawn - you open your mouth sleepily
251. a. Indian - tomahawk
b. submarine - ship
252. a. blotter - for drying ink
b. speedily - sort of quickly
253. a. bold - a bold man
b. garage - a building for cars
254. a. bracelet - hangs at the wrist
b. cheerfully - happily
255. a. swift - fast
b. soon - immediately
256. a. love - good
b. dessert - pie
257. a. roam - to wander about
b. shoes - boots
258. a. iceberg - from a glacier
b. cracker - crisp

259. a. skeleton - bones and skull
b. singly - as a group
260. a. generally - generally it is so
b. dice - roll
261. a. sometimes - you do it now and then
b. bake - bread
262. a. grizzly - bear
b. triangle - angle
263. a. horsefly - sort of a large fly
b. handle - spout
264. a. lullaby - song for putting a baby to sleep
b. banker - money
265. a. gradually - slowly
b. brand-new - a brand-new car
266. a. badly - terribly
b. sliver - sticks in your finger
267. a. game - football
b. thirsty - hungry
268. a. bulldog - husky
b. unkind - hard
269. a. runway - long
b. sufficiently - having done enough
270. a. silently - noisily
b. cider - from apples
271. a. antelope - leap
b. boating - sailing or rowing
272. a. borrow - money
b. boost - boost it up to the top
273. a. album - picture
b. gladly - you do something because you want to
274. a. pocket - button
b. vest - suit
275. a. teacher - chalk
b. opera - a kind of music
276. a. ambulance - for carrying sick people
b. lumber - wood for building

Semantic Features Test
Sequence of Items

<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>
1	1 - 2	32	8 - 10	63	15 - 18
2	2 - 3	33	9 - 11	64	16 - 19
3	3 - 4	34	10 - 12	65	17 - 20
4	4 - 5	35	11 - 13	66	18 - 21
5	5 - 6	36	12 - 14	67	19 - 22
6	6 - 7	37	13 - 15	68	20 - 23
7	7 - 8	38	14 - 16	69	21 - 24
8	8 - 9	39	15 - 17	70	22 - 1
9	9 - 10	40	16 - 18	71	23 - 2
10	10 - 11	41	17 - 19	72	24 - 3
11	11 - 12	42	18 - 20	73	1 - 5
12	12 - 13	43	19 - 21	74	2 - 6
13	13 - 14	44	20 - 22	75	3 - 7
14	14 - 15	45	21 - 23	76	4 - 8
15	15 - 16	46	22 - 24	77	5 - 9
16	16 - 17	47	23 - 1	78	6 - 10
17	17 - 18	48	24 - 2	79	7 - 11
18	18 - 19	49	1 - 3	80	8 - 12
19	19 - 20	50	2 - 5	81	9 - 13
20	20 - 21	51	3 - 6	82	10 - 14
21	21 - 22	52	4 - 7	83	11 - 15
22	22 - 23	53	5 - 8	84	12 - 16
23	23 - 24	54	6 - 9	85	13 - 17
24	24 - 1	55	7 - 10	86	14 - 18
25	1 - 3	56	8 - 11	87	15 - 19
26	2 - 4	57	9 - 12	88	16 - 20
27	3 - 5	58	10 - 13	89	17 - 21
28	4 - 6	59	11 - 14	90	18 - 22
29	5 - 7	60	12 - 15	91	19 - 23
30	6 - 8	61	13 - 16	92	20 - 24
31	7 - 9	62	14 - 17	93	21 - 2

<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>
94	22 - 2	125	5 - 11	156	12 - 19
95	23 - 3	126	6 - 12	157	13 - 20
96	24 - 4	127	7 - 13	158	14 - 21
97	1 - 6	128	8 - 14	159	15 - 22
98	2 - 7	129	9 - 15	160	16 - 23
99	3 - 8	130	10 - 16	161	17 - 24
100	4 - 9	131	11 - 17	162	18 - 1
101	5 - 10	132	12 - 18	163	19 - 2
102	6 - 11	133	13 - 19	164	20 - 3
103	7 - 12	134	14 - 20	165	21 - 4
104	8 - 13	135	15 - 21	166	22 - 5
105	9 - 14	136	16 - 22	167	23 - 6
106	10 - 15	137	17 - 23	168	24 - 7
107	11 - 16	138	18 - 24	169	1 - 9
108	12 - 17	139	19 - 1	170	2 - 10
109	13 - 18	140	20 - 2	171	3 - 11
110	14 - 19	141	21 - 3	172	4 - 12
111	15 - 20	142	22 - 4	173	5 - 13
112	16 - 21	143	23 - 5	174	6 - 14
113	17 - 22	144	24 - 6	175	7 - 15
114	18 - 23	145	1 - 8	176	8 - 16
115	19 - 24	146	2 - 9	177	9 - 17
116	20 - 1	147	3 - 10	178	10 - 18
117	21 - 2	148	4 - 11	179	11 - 19
118	22 - 3	149	5 - 12	180	12 - 20
119	23 - 4	150	6 - 13	181	13 - 21
120	24 - 5	151	7 - 14	182	14 - 22
121	1 - 7	152	8 - 15	183	15 - 23
122	2 - 8	153	9 - 16	184	16 - 24
123	3 - 9	154	10 - 17	185	17 - 1
124	4 - 10	155	11 - 18	186	18 - 2

<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>	<u>Question No.</u>	<u>Category Pairs</u>
187	19 - 3	218	2 - 12	249	9 - 20
188	20 - 4	219	3 - 13	250	10 - 21
189	21 - 5	220	4 - 14	251	11 - 22
190	22 - 6	221	5 - 15	252	12 - 23
191	23 - 7	222	6 - 16	253	13 - 24
192	24 - 8	223	7 - 17	254	14 - 1
193	1 - 9	224	8 - 18	255	15 - 2
194	2 - 11	225	9 - 19	256	16 - 3
195	3 - 12	226	10 - 20	257	17 - 4
196	4 - 13	227	11 - 21	258	18 - 5
197	5 - 14	228	12 - 22	259	19 - 6
198	6 - 15	229	13 - 23	260	20 - 7
199	7 - 16	230	14 - 24	261	21 - 8
200	8 - 17	231	15 - 1	262	22 - 9
201	9 - 18	232	16 - 2	263	23 - 10
202	10 - 19	233	17 - 3	264	24 - 11
203	11 - 20	234	18 - 4	265	1 - 12
204	12 - 21	235	19 - 5	266	2 - 14
205	13 - 22	236	20 - 6	267	3 - 15
206	14 - 23	237	21 - 7	268	4 - 16
207	15 - 24	238	22 - 8	269	5 - 17
208	16 - 1	239	23 - 9	270	6 - 18
209	17 - 2	240	24 - 10	271	7 - 19
210	18 - 3	241	1 - 11	272	8 - 20
211	19 - 4	242	2 - 13	273	9 - 21
212	20 - 5	243	3 - 14	274	10 - 22
213	21 - 6	244	4 - 15	275	11 - 23
214	22 - 7	245	5 - 16	276	12 - 24
215	23 - 8	246	6 - 17		
216	24 - 9	247	7 - 18		
217	1 - 10	248	8 - 19		