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ศูนย์วิทยทรรพยากร
จุฬาลงกรณ์มหาวิทยาลัย



APPENDICES

ศูนย์วิทยทรัพยากร จุฬาลงกรณ์มหาวิทยาลัย



APPENDIX A

Description of Bangkok-Thonburi



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

DESCRIPTION OF BANGKOK-THONBURI

Bangkok-Thonburi is the capital, largest city, and chief port of Thailand. The city, sometimes also called Krung Thep Mahanakorn, is famous for its many historical and colorful Thai culture.

Bangkok-Thonburi is located in southern part of Thailand, on one of the bends of the Chao Phraya River, about 25 miles from the Gulf of Siam.¹

As a capital and only a large modern city of Kingdom, Bangkok-Thonburi is the chief administrative, financial, commercial, and cultural center of Thailand, so it is the hustling and bustling city with many facilities and modernities.

Most of Thailand's chief industries and commercial activities centre in Bangkok-Thonburi. Rice milling and sawmilling are the leading industries. Other industries are paper-mills, textile mills, brick, and rubber factories, oil refinery, cement factories, electrical products plants, pharmaceutical companies etc., besides, Bangkok-Thonburi also handles most of² the Nation's foreign trade.

Bangkok-Thonburi is the hub of Thailand's transportation

¹ Webster's New Geographical Dictionary, A Merriam-Webster, G. and C. Merriam Company, Massachusetts, 1972, p 114.

² Ibid.

network filling with many good modern wide streets, boulevards and super-highways which begin and link with every part of the country, and there are five State Railway stations radiated from the capital to several directions. Farther more, Don Muang airport, the hub of Thailand's domestic air system, is the starting point of all internal routes, and it is an important international air terminal and transfer point to all major capitals of Southern, Southeastern and Eastern Asia. After dredging operations, modern port, Klong Toey, provide many usefulness for import and export and several ocean-going vessels.

Thailand's facilities for higher education are almost all centred in Bangkok. There are large number of public and private schools, universities, colleges of education, and technical institutes, that is why many children from up-countries come to Bangkok-Thonburi for further education every year, but children in this city attended in secondary schools, colleges and universities.

The population of Bangkok-Thonburi, is nearly 4 million, divided between people of Thai and Chinese, who now dominate both commerce and industry of Thailand, and there are many Westerners residing in

3

National Economic Development Board, Manpower Planning
Division "Registration Data on Population of Municipality in
Thailand, Dec, 1973."

this city. Although its population contributes to only 10% of the Kingdom's population,⁴ a large number of the leaders in the kingdom's politics, economics and social planning are from Bangkok-Thonburi. Most men work in the private and governmental organizations, factories, industries, companies, and department stores.

Thai is the official language used in Bangkok-Thonburi, but many of inhabitants can speak and understand English, especially those whose profession bring them into frequent contact with Westerners.

4

Ibid.

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APPENDIX B

Classifications the Subjects according to Parents' Income,
Educational Level and Type of Family.



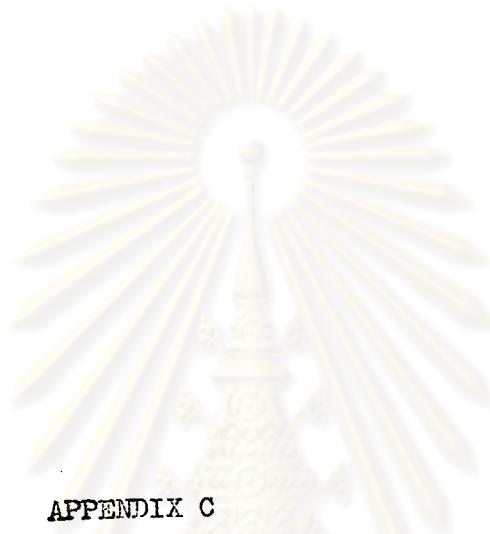
ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Classifications of the Subjects according to Parents' Income,
 Educational Level and Type of Family

Educational level	4-5	7-8	10-11	14-15	20-21	Total
elementary education	-	4	3	7	5	19
secondary education	7	10	13	8	11	49
higher education	13	6	4	3	2	28
no answer	-	-	-	2	2	4
Total	20	20	20	20	20	100

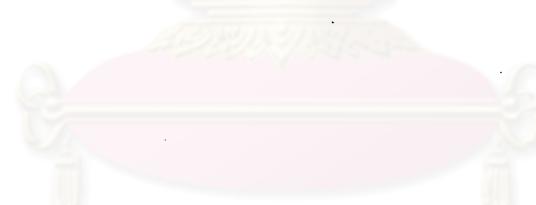
Family income.	4-5	7-8	10-11	14-15	20-21	Total
above average	17	19	20	19	20	95
under average	3	1	-	1	-	5
Total	20	20	20	20	20	100

Type of family	4-5	7-8	10-11	14-15	20-21	Total
extended family	7	5	4	3	9	28
nuclear family	13	15	16	17	11	72
Total	20	20	20	20	20	100



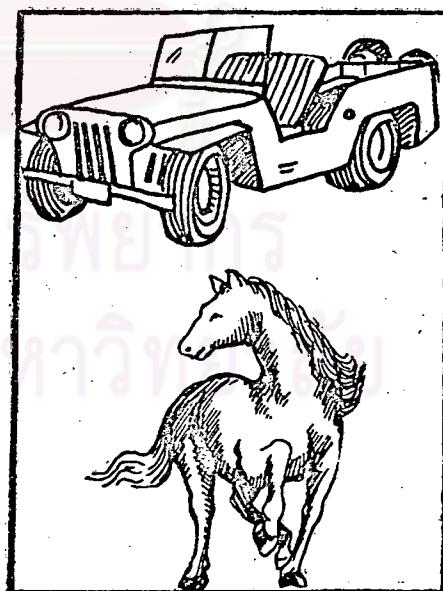
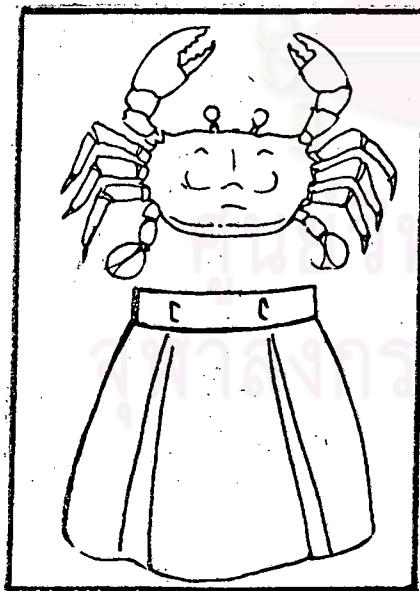
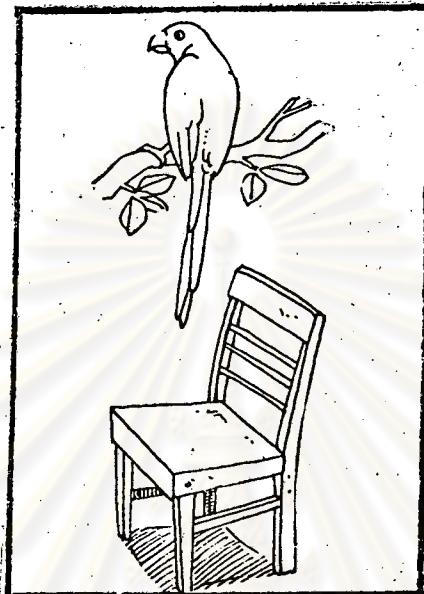
APPENDIX C

Test Materials and Recording Form

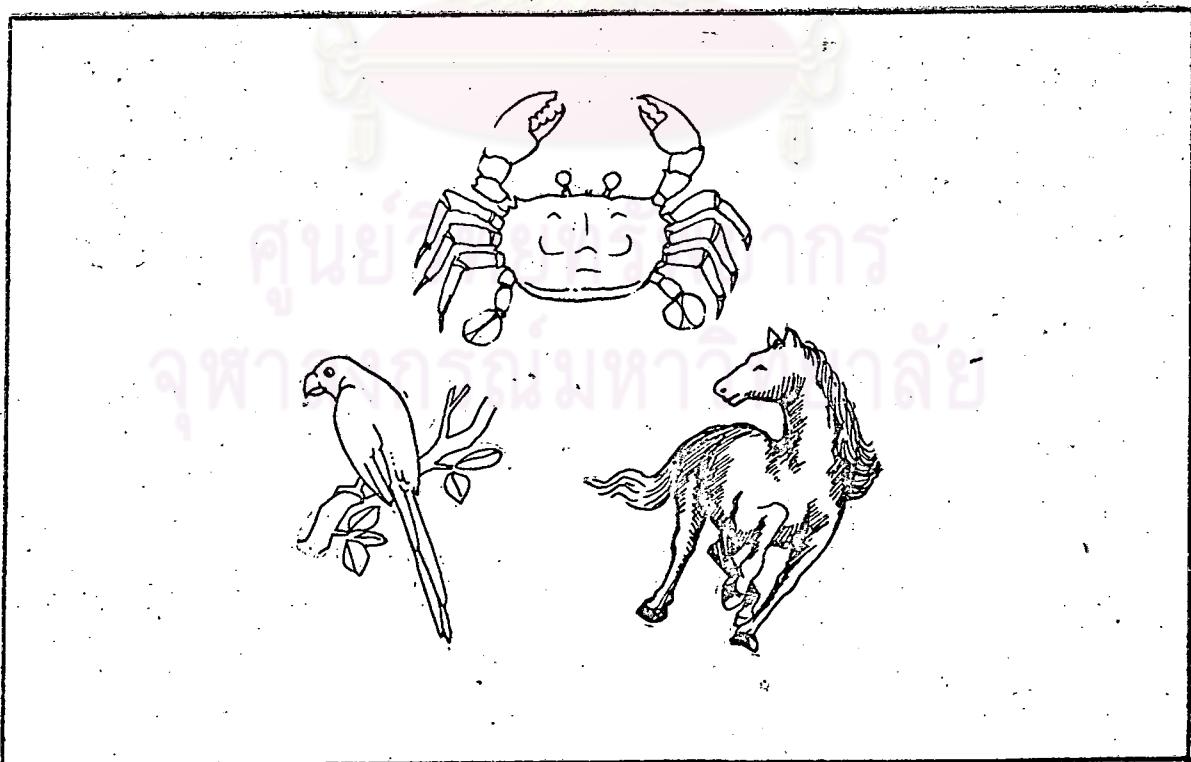
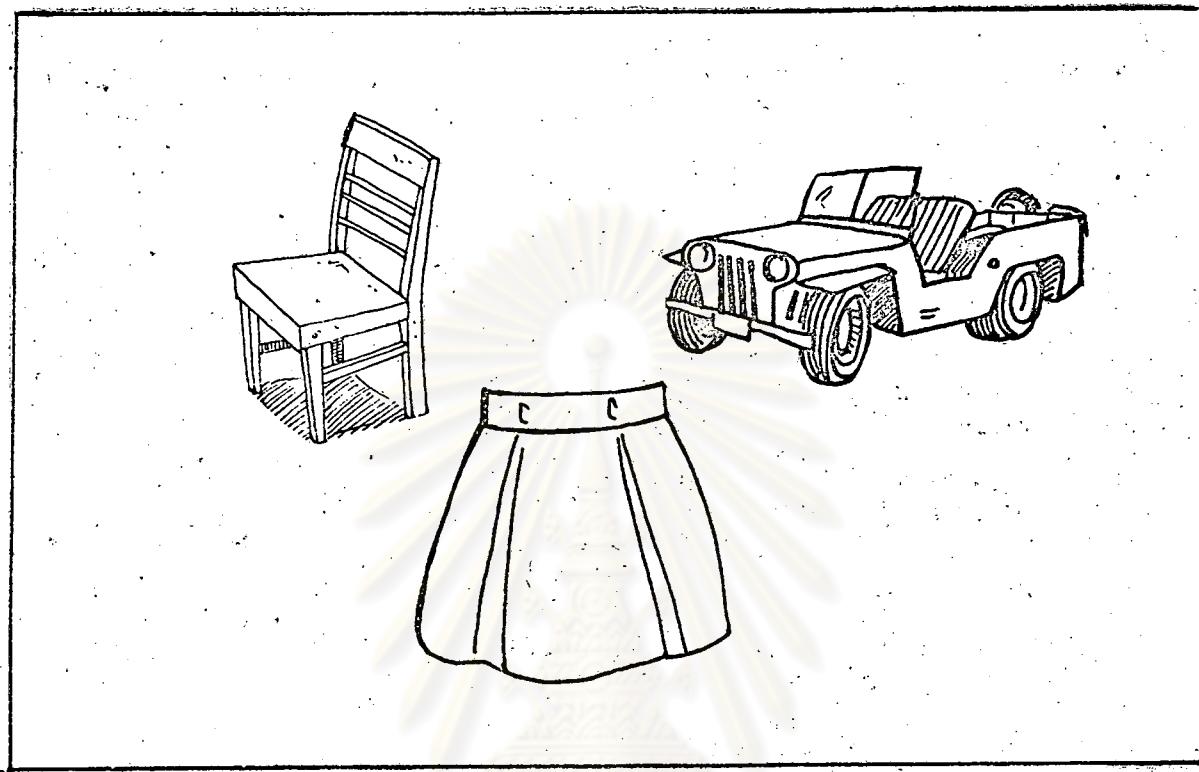


**ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย**

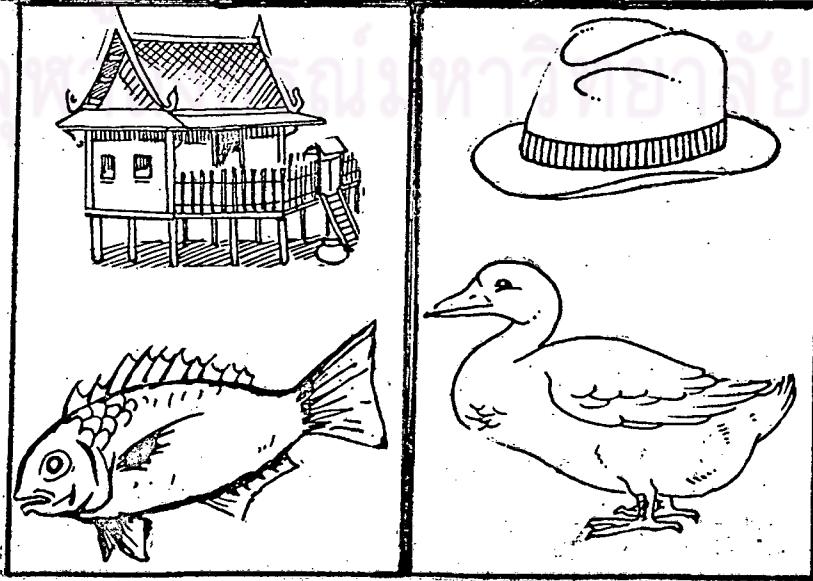
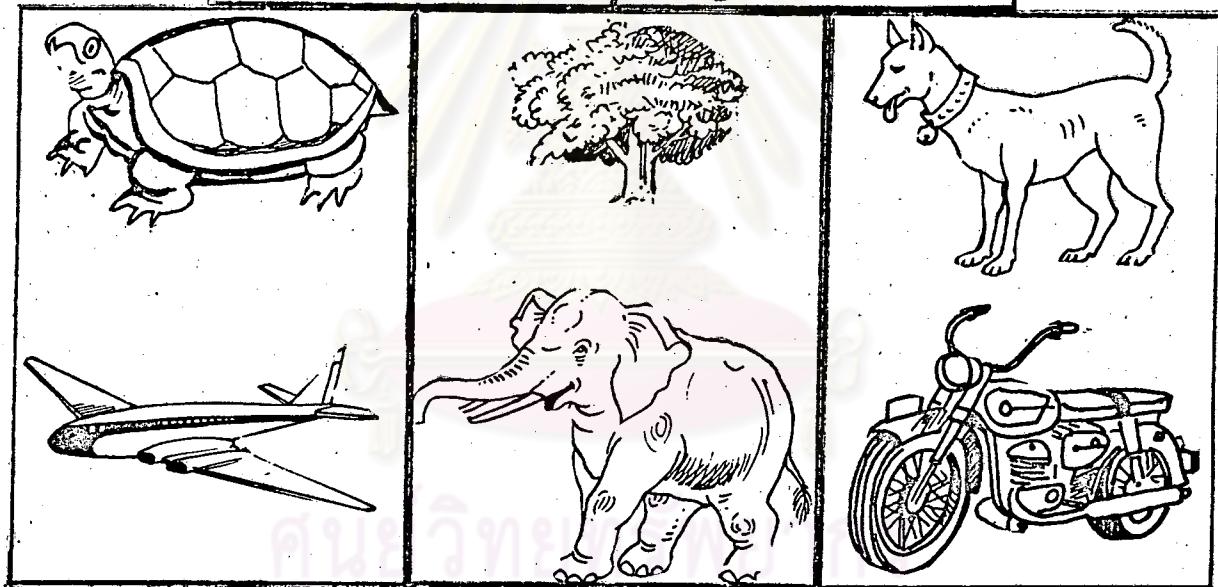
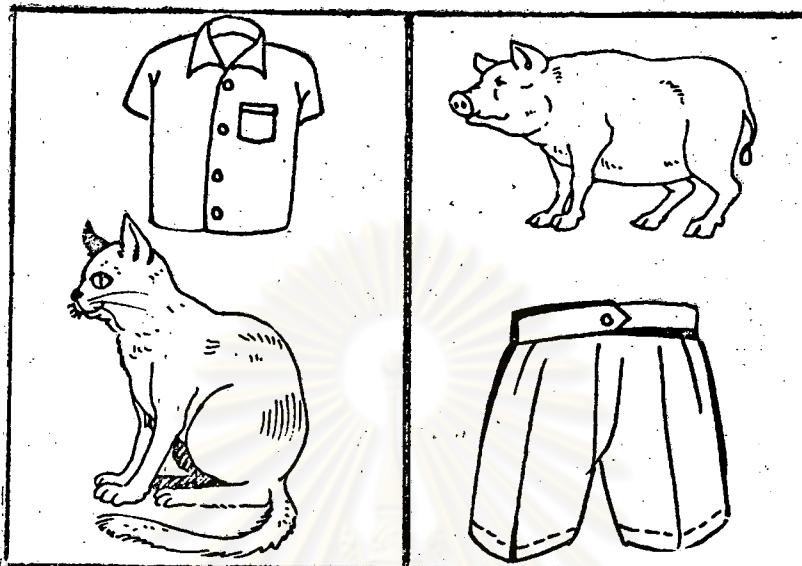
A Set of Practice Cards



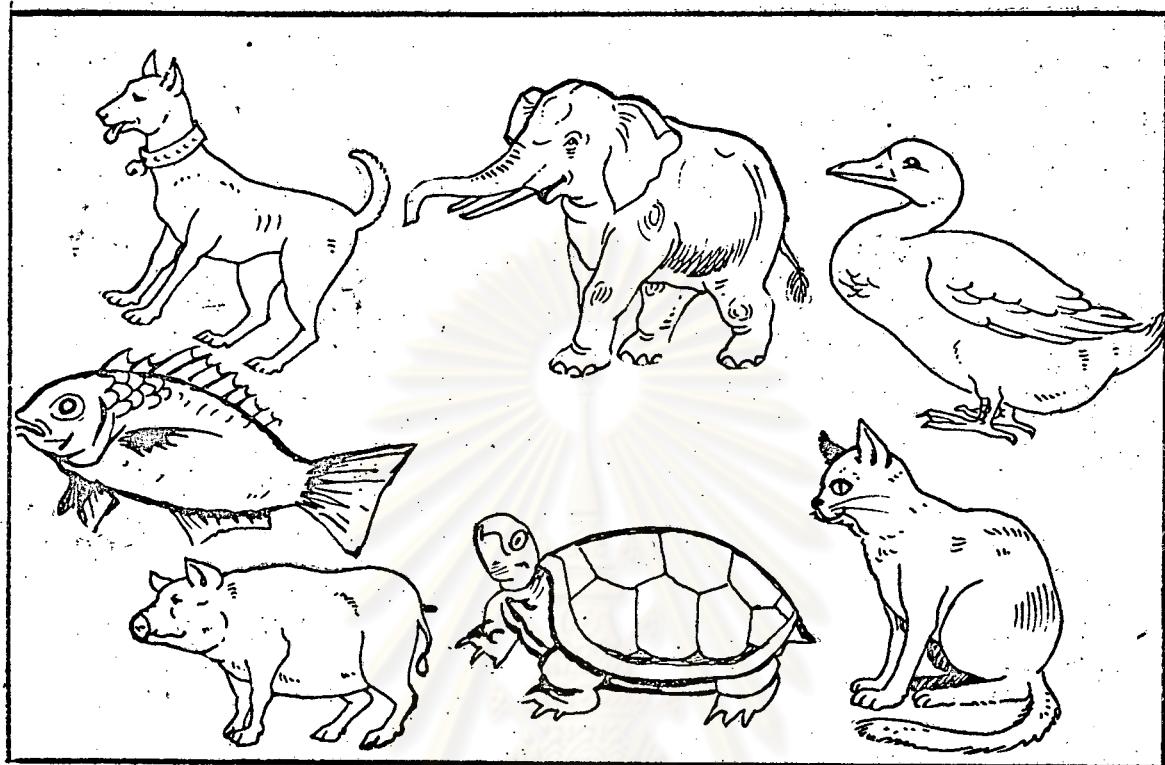
An Index Card for Practice



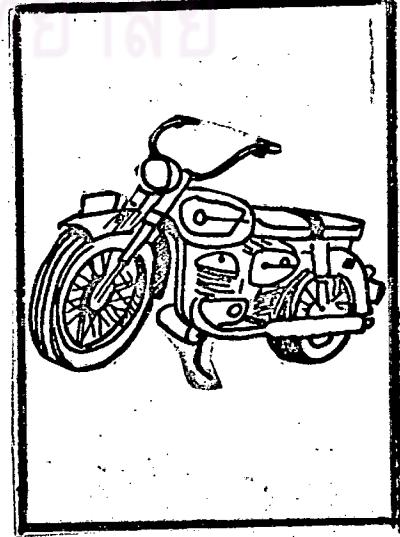
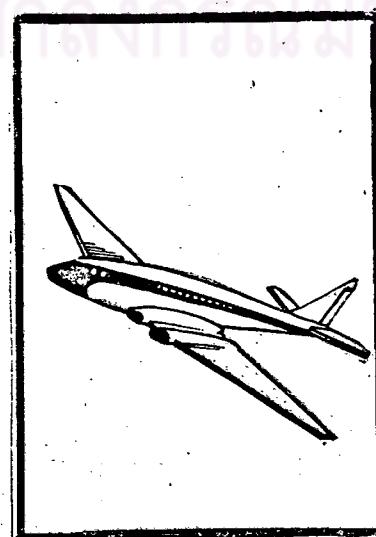
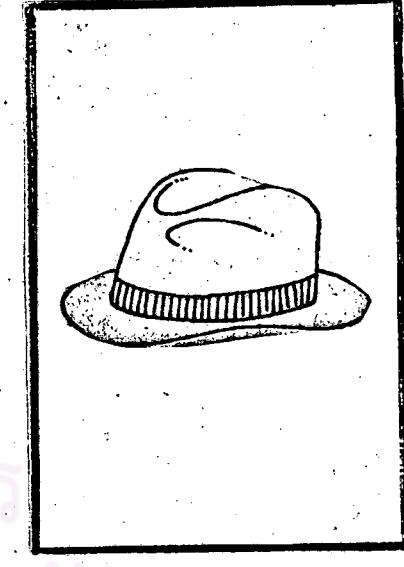
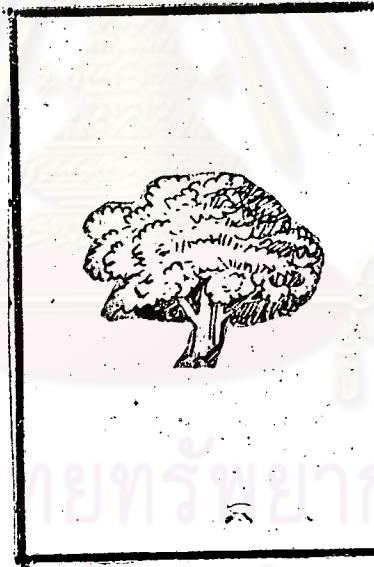
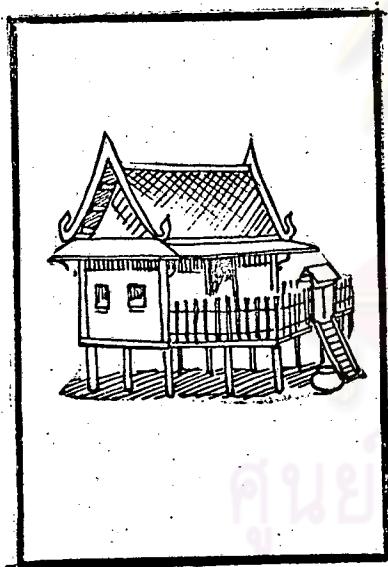
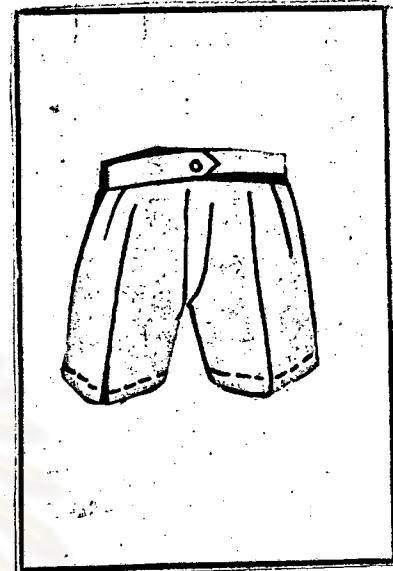
A Set of Testing Cards for Central Memory



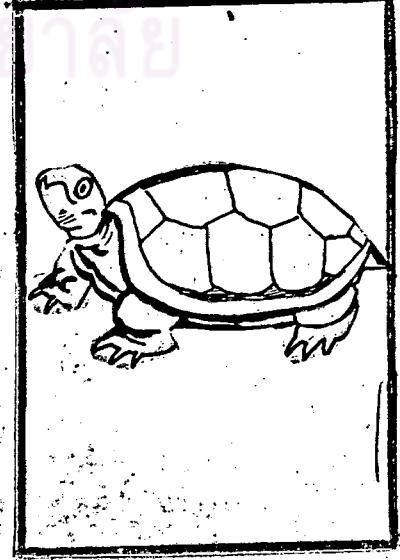
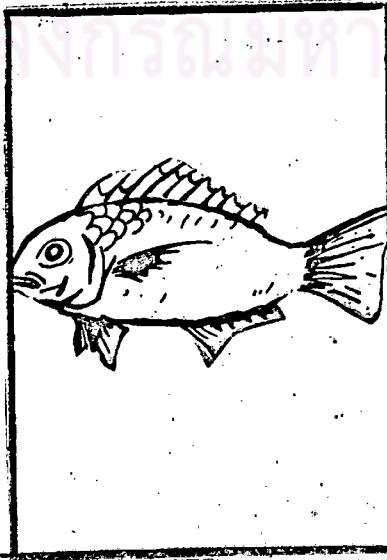
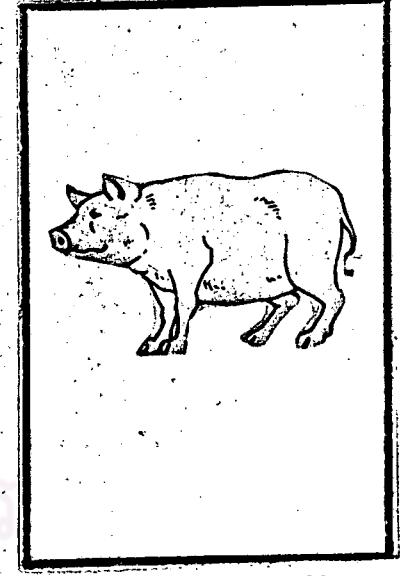
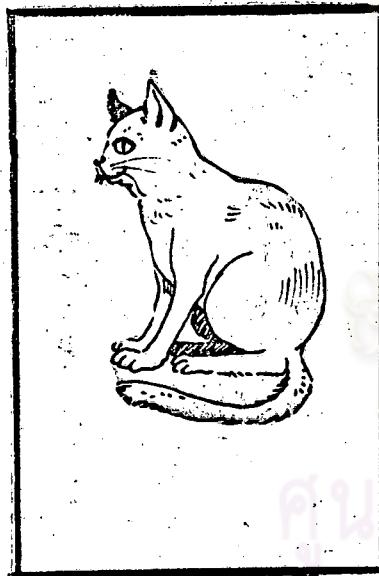
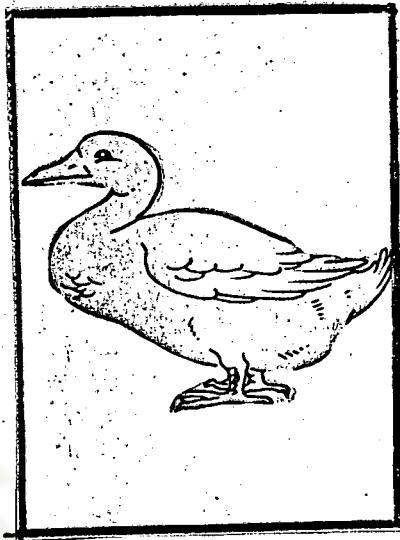
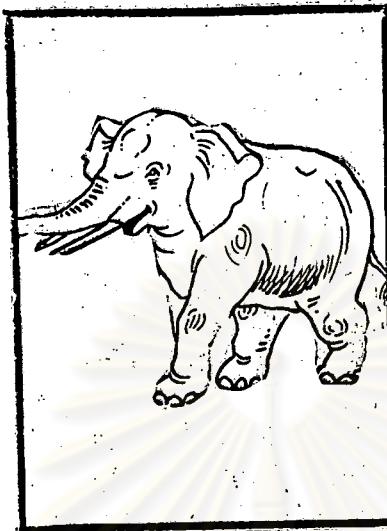
An Index Card for Testing



A Set of Cue Cards for Incidental Memory



A Set of Cue Cards for Incidental Memory



Name.....School.....

Sex.....Age.....Education.....

<u>Pretest</u>	No	objects	set	1	2	3	4	5	6
<u>Result</u>	1	chair	(1)						
	2	car	(2)						
	3	skirt	(3)						
	4	car	(2)						
	5	chair	(3)						
	6	skirt	(1)						

Central Memory (Objects)

No	objects	set	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	tree	(4)														
2	motor cycle	(7)														
3	hat	(1)														
4	shirt	(6)														
5	house	(2)														
6	airplane	(5)														
7	short	(3)														
8	shirt	(1)														
9	short	(4)														
10	hat	(3)														
11	motor cycle	(2)														
12	house	(7)														
13	tree	(5)														
14	airplane	(6)														

Incidental Memory (animals)

No	objects	animals	right	wrong
1	tree	- elephant		
2	shirt	- cat		
3	hat	- duck		
4	house	- fish		
5	motor cycle	- dog		
6	airplane	- turtle		
7	shorts	- pig		

Name..... School.....

Sex..... Age..... Education.....

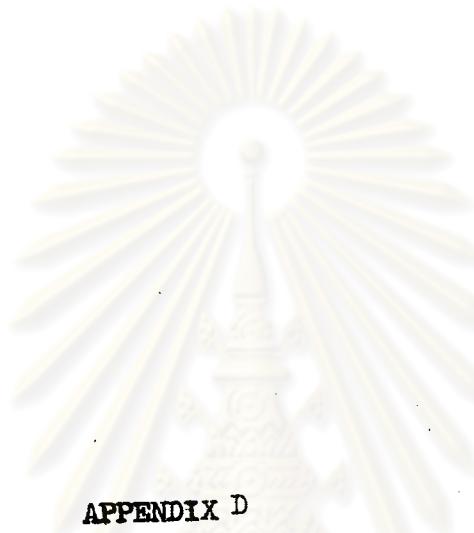
<u>Pretest</u>	No	animals	set	1	2	3	4	5	6
			1	2	3	4	5	6	
Result	1	bird	(1)						
	2	horse	(2)						
	3	crab	(3)						
	4	horse	(2)						
	5	bird	(3)						
	6	crab	(1)						

Central Memory (Animals)

No	animals	set	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	elephant	(4)														
2	dog	(7)														
3	duck	(1)														
4	cat	(6)														
5	fish	(2)														
6	turtle	(5)														
7	pig	(3)														
8	cat	(1)														
9	pig	(4)														
10	duok	(3)														
11	dog	(2)														
12	fish	(7)														
13	elephant	(5)														
14	turtle	(6)														

Incidental Memory (Objects)

No	animals	objects	right	wrong
1	elephant	- tree		
2	cat	- shirt		
3	duck	- hat		
4	fish	- house		
5	dog	- motor- cycle		
6	turtle	- airplane		
7	pig	- short		



APPENDIX D

Supplementary Questionnaire

**ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย**

ข้อมูลเกี่ยวกับผู้เก็บ

1. เก็บ ชื่อ _____ ชื่อสกุล _____ เพศ _____
วัน เก็บ ปีเก็บ _____ การศึกษา _____
2. บิกา บั้งมีชีวิตอยู่ _____ ถึงแก่กรรม 3. มกราคม บั้งมีชีวิตอยู่ _____ ถึงแก่กรรม
 - อายุ _____ ปี การศึกษา _____ อายุ _____ ปี การศึกษา _____
 - เชื้อชาติ _____ ศาสนา _____ เชื้อชาติ _____ ศาสนา _____
 - อาชีพ _____ อาชีพ _____
4. พี่น้อง เก็บเป็นคนที่ _____ ในจำนวนพี่น้องทั้งหมด _____ คน กีด
คนที่ ชื่อ เพศ อายุ การศึกษา อาชีพ
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
5. ที่อยู่ บ้านเลขที่ _____ ถนน _____ อำเภอ _____ จังหวัด _____
เก็บอาศัยอยู่กับ _____ อายุ _____ ปี จำนวนทั้งหมดในครอบครัว _____ กีด _____ คน ภายนอกครอบครัว _____ ภายนอกครอบครัว _____ ภายนอกครอบครัว _____
6. ฐานะทาง济 คือ _____ ปานกลาง ก่อนเข้ามา上班 ยากจน
รายได้ของครอบครัวก่อเก็บก้อนคือ _____



APPENDIX E

Translation of Procedure into Thai

**ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย**

APPENDIX F

Figure Captions

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Figure 5

(CENTRAL MEMORY RECALL BY SERIAL POSITION BETWEEN SEXES)

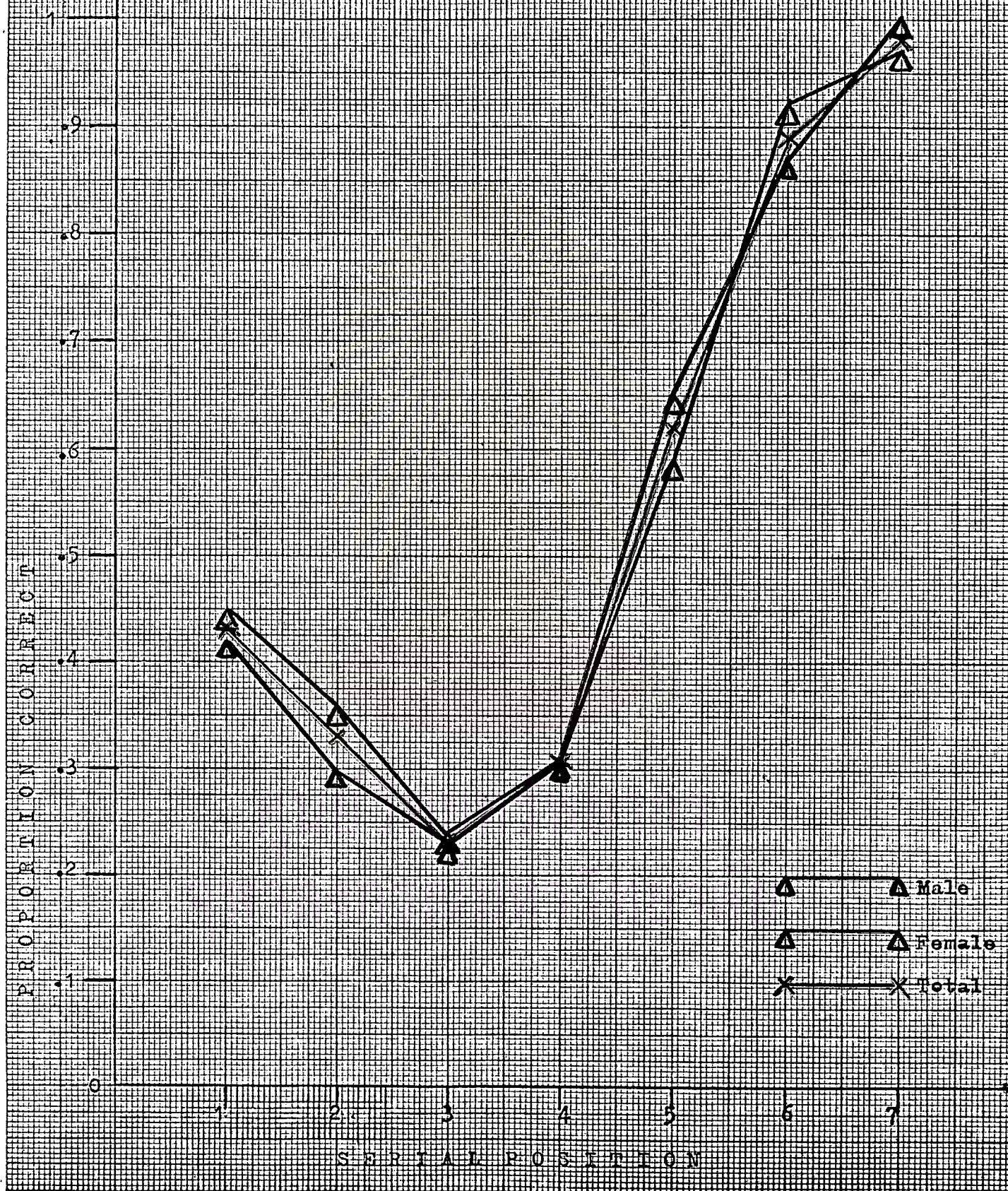


Figure 6

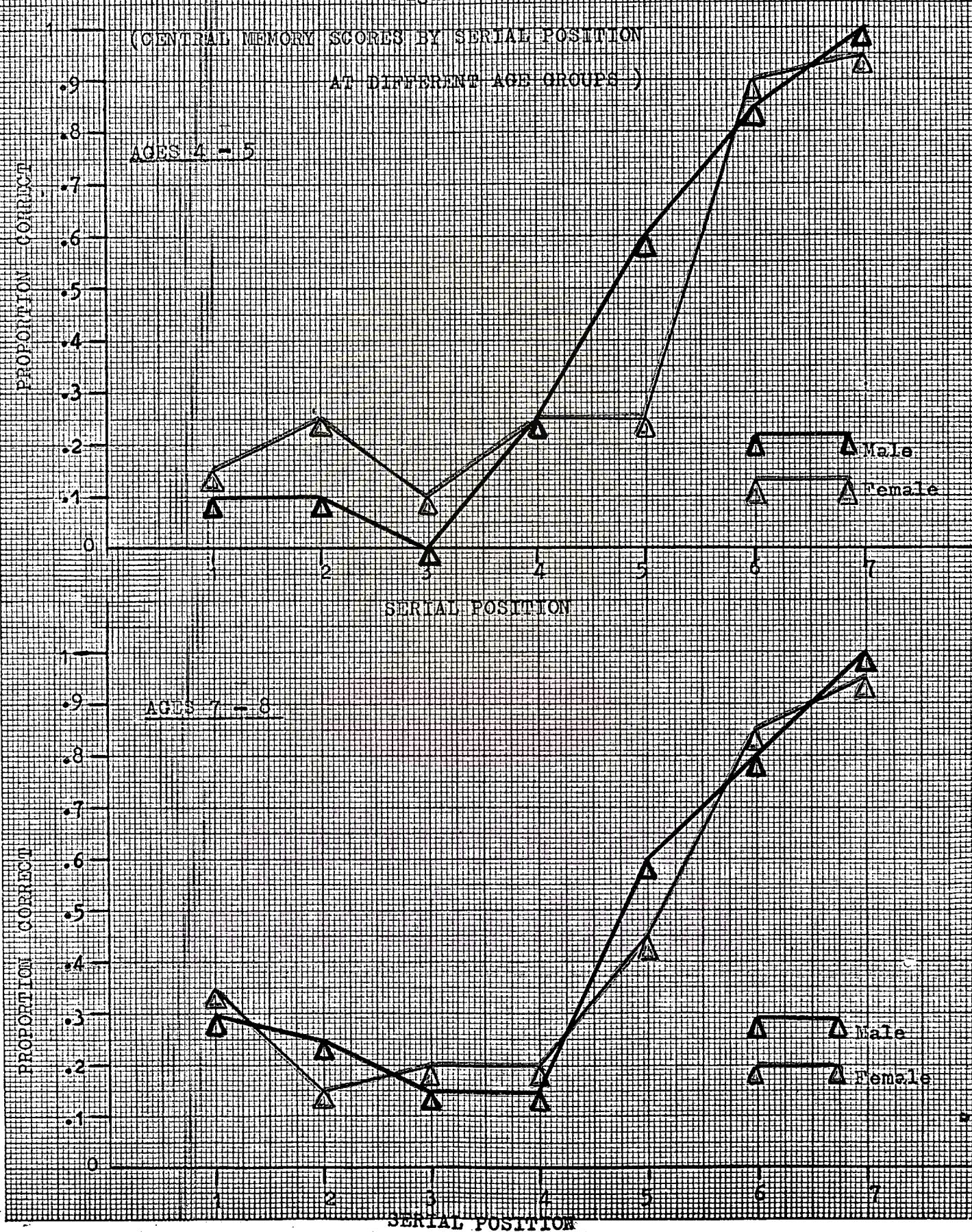


Figure 6

(CENTRAL MEMORY SCORES BY SERIAL POSITION
AT DIFFERENT AGE GROUPS)

PROPORTION CORRECT

.1
.9
.8
.7
.6
.5
.4
.3
.2
.1
0

(AGES 10-11)

1 2 3 4 5 6 7
SERIAL POSITION

Male

Female

PROPORTION CORRECT

.1
.9
.8
.7
.6
.5
.4
.3
.2
.1
0

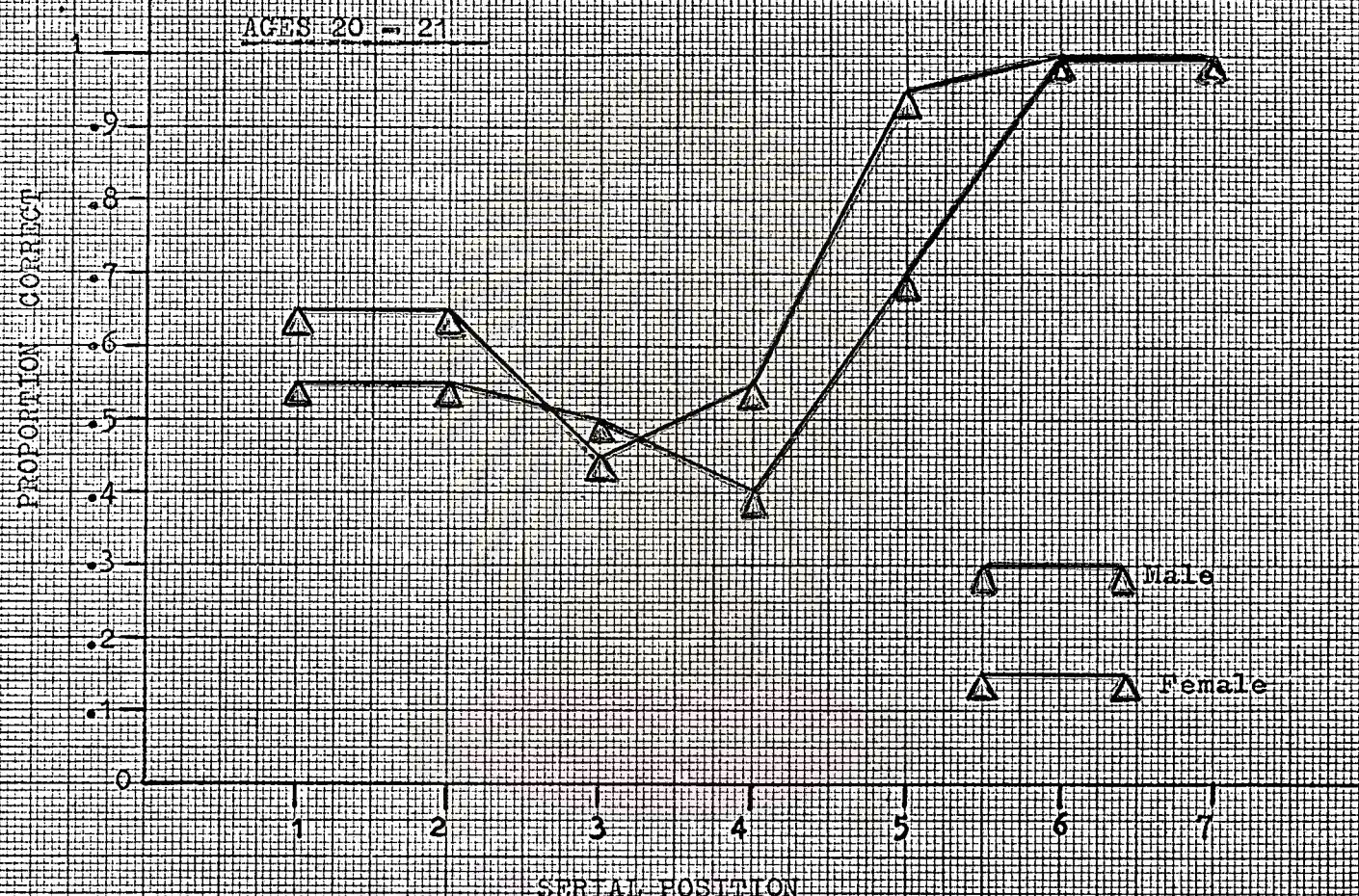
(AGES 14-15)

1 2 3 4 5 6 7
SERIAL POSITION

Male

Female

Figure 6

(CENTRAL MEMORY SCORES BY SERIAL POSITION
AT DIFFERENT AGE GROUPS)

VITA

Miss Wanlaya Yanumet received Bachelor Degree of Education from Faculty of Education, Chulalongkorn University in 1971.

