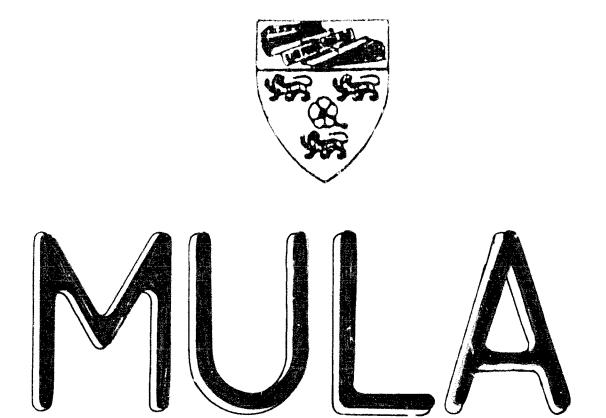


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HARKETING OF RATTAN PRODUCTS

MADE BY THE BLIND

Buku ini m tidak lewat dari tai

55

Abu Bakar Hamid

356120

A Graduation Exercise presented to the University of Malaya in part fulfilment towards the Degree of Bachelor of Arts with Honours in Economics

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### AGENCELETO MANY

This exercise would not be possible were it not for the kind co-operation extended by members of the Malayan Association of the Blind, Gurney Training Centre, Kinta Valley Workshop and the blind caneworkers. I wish to express my thanks to Mrs. H.L. Lee and the staff of the Malayan Association of the Blind Headquarters; Mr. Fred Wong Mook Chen and staff of the Gurney Training Centre; Mr. 3.L. Yap and staff of Kinta Valley Workshop and the blind caneworkers who are too many to mention but revertheless equally valuable; and also to my supervisor Mr. Yip Yet Foong.

established the Jurney Training Centre in Musla Lumpur with the objective of training suitable blind people in certain fields which they can use as a mean of earning their livelihood. One of the courses is in case work, and since its establishment the centre has already trained more than 100 blind people. As time passed, it was soon realised that the real problem was not in the training but rather in finding employment after training.

built the Kinta Valley workshop in Ipoh. Part of this workshop aims at providing employment and further training to the caneworkers to prepare them in finding employment later outside the workshop. When these workers have gained enough experience and confidence in their work, employment will be found for them by the workshop officials and the vacancies thus created would allow taking in fresh workers who have just finished training in Gurney Training Centre.

Employment for the blind workers was hard to find and only some were employed, outside. Further some workers preferred to stick to their work in the workshop. Anyway, the workshop continued to take in fresh workers with the result that the number of caneworkers in the workshop increased to 20 at the endof last year. But this cannot continue for long if sales do not increase also. Last year, the total sales dropped to the level 5 years ago. Thus at present, the workshop is not taking as many new workers as before and consequently most of the caneworkers have to find employment somewhere else.

have to work on their own. The condition of these home-workers deserves sympathy. A homeworker is able to sell monthly at the most 260.00 worth of rattan products. The difficulty lies in the finding of market for their products. As most caneworkers who have been trained by the Gurney Training Centre have to turn to this way of life, this problem deserves special attention. In fact this problem was recognized as early as 1958 when a recommendation was made to form a sales organisation. This organisation will be great help towards improving the standard of living of the homeworkers and its success should not be doubted in view of the presence of market for rattan products.

### CHAITER I

#### INTRODUCTION

The object of this exercise is to study, by way of discussing the marketing of ratten products, the problems that are faced by blind candworkers in their attempt to earn their livelihood and by the kints Valley workshop in providing employment to some of them.

The discussion is divided into three parts:

### i) Gurney Training Centre:

Here the blind people are given training in canework which is simed at providing them skill to earn their living. Fowever training alone is not enough. What is more important is the application of this training in their every day life when they leave the Centre.

### ii) Kinta Valley Workshop:

This provides employment to some of the caneworkers. However, due to decrease in sales it has remoded a point where it could not be much of a source of employment to caneworkers after their training in the Jurney Training Centre and therefore nearly all of them have to turn to working and earning their living on their own.

### 111) Homeworkers:

Increasing number of conewrokers have to turn to this field for look of alternative employment. Difficulty of finding market for their products has been the root of the problem in this group. To eliminate it, the Falayan Association of the Blind has planned to set up a sales organisation and the prospect is good as market for the homeworkers' products can now be increased and their standard of living likewise improved.

In Section (ii) and (iii) above, marketing is being discussed by breaking it into various parts such as the types of products and raw meterials and distribution. Detail analysis in some cases is not jossible due to lack of data.

### - gran manda sata

Objective of giving braining dentire was founded in 1953 with the objective of giving braining to blind copie in certain suitable fields which can be used later as means to sum their livelihood. There are many occrets which are open to them such as Stategraphy, Talephony, Factory work and Canewark. Here we are concerned only with the last source - canework. Since its existence, the Centre has trained over 100 blind people in this field. The training which this Centre gives is very important. This shecause it is from this training that the blind will acquire shill in canework which can be used either to make and sell ratter goods by themselves or to find employment in any establishment which would take them. It is this training that will be partly reaponsible for the extent of the success that they will find when they leave the Centre and use it to find their livelihood. Therefore the training in this establishment plays an important role in the life of blind people who are engaged in canework and who come under our discussion.

The course for conework covers a joriod of 2 years. Only suitable trainces are put into this course. This selection is made during the first 3 months when the fresh trainees are assessed for their interest, aptitudes and capabilities. One way of doing this is from the application forms which if properly filled up; provide a good deal of information about the emplicants. As a mean of assessment and a basis for vocational guidence, a range of activities which include light crafts, woodwork, chain link fence making, steel fermitere and light assembly exercises are provided. The Contre has introduced these activities into the evaluation programme for various reasons such as to test the trainees! finger dexterity and hand co-ordination. A record of each trainee's performance in these activities is kept and at the and of assessment period, a fairly clear picture of each trainee's potentialities energes. During this period of assessment, the trainer is also given help to regain self confidence with a programme of instruction in mobility, in the performance of the common tasks of daily life and where necessary, in braille and type writing. At the end of this assessment period, those found uncerted for training and employment are discharged.

covering a period of two years. During this is riod the trainees are trained to make various types of ratten products which also involve a number different types of weaving, border.

- 3 -

later to Appoidix for Diagrams

the syllabus that these trainees have to follow is as follows:-

First Term: Round Earth Basket
Waste paper basket
Skin cane work
Seat caning

Second Terms Pungicia

imfuse busket

wate per basket

Dosk Tray

Third Torm: Book basket

Shopping Basket Flower basket

Square picnic basket

Fourth Term: Sewing basket

Linen basks t

Larped-over picnic basket

Fifth Term: Fichic basket with flask container

Cradle Toy cradle Cane Ball

Sixth Term: Decorative articles

Havision.

Each of the term covers approximately 14 weeks. The syllabus covers the following methods of weaving and the working of the different types of borders and handles.

ing, four rod upsetting. pairing, chain pairing, three rod plain walking.

Border: Scaller border, Trac border, three rod plain border, four rod plain border, plaited border.

Handles: Plaited handles, wrapped handle, twisted handle, and wire handle.

skill in canework. Even though the syllabus does not cover the making of every product that can be made with ratten, the blind who have finished the course are capable of making other products outside the syllabus. This they can do by feeling the product concerned for the type of weaving, border, handles, cans size and overall size and shape of the product. Thus the presence of products which they have not learnt in the training would not hamper the blind caneworkers in any way to make and market them. This skill helps them much in making products which could be sold in market but which are not taught during their training days. This skill is important because of the impossible

task of the training centre to train them to make every product that oxists with the ratten material. As can beneficed from the syllabus, we find that the roducts aroundly made up of those that require Centre cane such as wastepaper basket, desk tray, and book basket, and less of products requiring found cane, such as labour round baskets, pungkis etc. However this would not lessen their skill in making other round cane products like placking basket etc. The basic weave, border and handles which they learn and which they practise on the products in the syllabus, prepare them to make any product with the rattan material. To further equip them, there is an additional course for another year during which selected trainers are made to under-go training in making complicated items like miniature animals such as cat, elephant and sonkeys.

To keep up with the trend of the market, changes are made with regard to the products in the syllabus. Thus besides being self-sufficient, the syllabus is also up to date in its content. At the end of the course, the trainees have to sit for an examination. When they have been successful, each will be issued with a certificate of proficiency which is evidence of their training and skill in canework. The training of these blind people presents no greater problem than those found in ordinary schools.

For the trainees, their problem begins when they have finished their training. This is in connection with their ability to use their newly acquired skill in earning their living. As the discussion on the marketing of products of these caneworkers in both the Kinta Valley workshop and among homeworkers is made in the next chapters, we shall also keep in touch with this post-training problem.

lit is a type of came derived from the centre of rattan like those used in waking waste paper basis t.

This is the type which does not undergo any change from its original shape and size.

### CHAPTER III

### KINTA VALLEY SCRESHOP

The kints Valley Workshop was established in 1953 with the objective of providing suitable reminerative skeltered employment for the blind craftmen who are unable to earn their living in open competition. It is an establishment which is functioning as a commercial organisation — it produces and sells products and hopes at least to be self-supporting. Although it has 6 sections a naisting of hatten, who den Furniture, Tubular Furniture, Venetian Blind and that hinks, we are concerned only with the Rattan section. In this section, the caneworkers are drawn from those who have been trained by the Jurney Training Centre. The policy of the Workshop isto provide them with experience in canework. After a certain period of timeduring which they have gained enough experience and confidence in their work, they are then encouraged to find employment outside. This step of finding employment for them is done by the officials of the workshop. Thus there will be a flow from the Training Centre to the workshop and then to the employment outside.

with this type of scheme, we can find among the consworkers a mixture of new and old workers. Theold workers are those who are not able to find employment cutside or those who do not like to work cutside but preferred the sheltered lifeof the workshop. Someof them have been staying there since the workshop has been established. Consequently, the entry ofnew workers is partly hindered by their presence because the number accepted do ends also on the vacancies available which may be created when these old workers have found employment outside. But, the trouble is that finding employment is difficult and among some of the old workers, there is general feeling of unwillingness to work cutside the workshop. Therefore the more the old workers thore are, the less will be the possibility of entry of fresh workers from the training centre. This is one problem that could not be solved by way of removing old workers to make way for new ones. The only alternative is to make attempt to increase sale so as to be able to take in more workers.

Entry of new workers bring in its own problem. They are naturally slow in making the ratten products when compared with the experienced workers. For example, in the production of labour round basket, a new worker can complete 2 pieces a day while an experienced one can produce 8 pieces a day. This difference in production is caused by the inexperience and nervousness on the part of the new workers and also by the difference in the production system in the workshop and that in the training centre: the latter is only a training place. It will usually take about 8 mopths for the new workers to adjust to the rate of production of the experienced workers.

This difference in the production has its effect on the wages that the workers received and in turn on the kabour cost of production. On probation the workers will be paid a basic wage of \$25.00 per month plus piece rate as prescribed by the Pascutive Committee of the MAB. On completion of the probationary period they will be placed on the salary scale of \$25.00 x \$1.35 - \$31.00, plus piece rates valued from 25ots to 12.20 per piece depending on the product made. In the workshop, a worker is given an equal number of products to finish in a day and the new workers find it difficult to do tale. Thus the amount of money that they sould receive from the piece rate will be reduced so as to ensure that they receive a reasonable income from place rate in addition to the basic pay, the workshop has fixed the incomeof the day at \$1.20 per person for those new workers irrespective of the number of pieces that they can finish in a day. Thus the payment of piece rate is not made in relation to what they can produce but rather size at maintaining a reasonable income for them.

In general, this aim governs the payment of the basic salary to all other workers as well. If the income of the concerners is demandant solely on the class rate, then these workers would not be able to earn much because of the slow speed in making products or if they are fast workers, they are not able to make as many products they want due to the restriction placed on the number of products to be completed in a day. Therefore, it is necessary to have a basic salary in addition to piece rate, if they were to earn a reasonable income. In complying with this practice, the sheltered workshop has thus to incur cost of production higher than mimilar optablishments. Therefore, there is difficulty to operate at a profit or at least, to be able to be self-supporting. This can be seen from the fast that since its establishment, the workshop has been operating at a loss. The deficit incurred has been paid by the Malayan Association of the Blind. It is likely that the system of salary payment to new and old workers is partly responsible for this two of operation. It is not suggested that this system or new workers should be removed but other steps has to be taken to at least make the workshop self-supporting.

same time be a source of employment; and not assuming the latter objective while neglecting the former. The only solution is to increase sale. Sale did not vary much in the past years. It ranged from \$16,000 to \$22,000 in the last 5 years: only in 1961 and 1964 have sales reached the \$22,000 mark but in other years sales have remained less than that as can be seen from the table 1. Lust year sales have declined to the level 5 years ago. If the workshop has not been able even to be self-supporting within this range of sales, then future makes have to be more than the highest figure in the past years. This is necessary in view of the future wall being of the workshop and thereby its ability to employ more caneworkers. At present, the workshop offers less hope for

Each also receives Compensatory Allowance of \$25.00 per month from Social delfare Department.

This difference in the production has its effect on the wages that the workers received and in turn on the beaut cost of production. In probation the workers will be paid a basic wage of 325.00 per month plus piece rate as prescribed by the Executive Committee of the MAB. On completion of the probationary period they will be placed on the salary scale of 325.00 x \$1.35 - \$31.00, plus piece rates valued from 25cts to 32.20 per piece demanding on the product made. In the workshop, a worker is given an equal number of products to finish in a day and the new workers find it difficult to do this. Thus the amount of money that they would receive from the piece rate will be reduced so as to ensure that they receive a reasonable income from piece rate in addition to the basic pay, the workshop has fixed the incomeof the day at \$1.20 per person for those new workers irrespective of the number of pieces that they can finish in a day. Thus the payment of piece rate is not made in relation to what they can produce but rather aims at maintaining a reasonable income for them.

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Leach also receives Compensatory Allowance of 025.00 per month from Social Welfare Department.

the caneworkers to work here after their training because of the already more than sufficient number of sorkers working here. Therefore, more and more of the caneworkers have to be workers on their own account - that is to make and sell products by themselves. If the annual cales of the workshop could be improved, then it could provide more effectively its share of employment and thereby lessen the flow of the caneworkers to work on their own and as we shall see in the next chapter, the condition of these workers really deserves sympathy.

### TABLE 1

### TOTAL SALES AT KINTA VALLEY SCRASHUF\* 1960 - 1965

lear.		Sale Value
<b>1</b> 960		<b>£16,4</b> 00
1961	********	\$22,200
アプレア		17,700
1962		(27,70)
1963		
1964		\$40,600
1965		\$16,700

<sup>\*</sup>Approximate figures compiled from sales record of Kinta Valley workshop.

Sale plays a dominant part in the workshop and it is necessary to look into the present marketing of the products in the workshop.

### Types of Products

The products that are produced in the workshop are oriented to customers' demand as shown in Table 2. In addition to them, it also produces some rattan furniture but this is limited in number. In the seme tuble is also shown the amount of came and time used in the production of some of the items made. The time is those taken by an average worker. From the table, we can find that in the round came section, the products which can be produced most in a day are the labour round basket and the round cane pungkis. The least produced is coal basket. Some of the products are not listed on the table because they are not asually made but only on specific orders. Producing products according to customers' specification present a problem to the caneworkers because of their unfamiliarity and this would slow down their rate of production. Items like bread busket and hamper basket are examples of such products. with regard to the centre cano section the waste paper basic t is the easiest to make. The difference in length of time taken to make varies with each product because of the different amount of raw waterial used and of the intricate patterns involved. The coal basket, for example,

is large in size and further the worker has to be careful in making it so that the rope that emerges on the rim of the opening is carefully and nicely inter-wined with the came from the base. This takes time. With reference to the centre came products, linen basket of Special Big size takes is days to complete each. This is due to its big size and the greater amount of weaving involved. In cases, like these the worker is rewarded with larger piece rate pay.

The production schedule is arranged before any order is received or after order from customers have been received. This depends on the product. Some products which have constant demand throughout the year, are produced in anticipation of orders, such as waste paper basket and labour round basket. But products which are being ordered once in a while like hamper basket are made only when such orders are received - likewise for those goods which are made according to customers' specification like large bread basket and 3' x 5' rattan basket. Products are also made in advance when tender to a customer has been successful, such as tender to PWD Ipoh for the supply of labour round baskets.

The production is mostly spread throughout the working days so as to enable the workers to be constantly compied. Sometimes, when unexpected order for a certain product arrived to be delivered within a week, then the workers have to work over-time and the wages are adjusted accordingly. Raw materials also play a part in the scheduling of production. The raw materials consumed in 1965 are shown in table 3.

TABLE 2
PRODUCTION OF RATTAN GOUDS 1 - 1965

Products	Raw Material	Production per person per day
Round Cane	3 Katis	4 Pieces
22" Labour Round	2 "	6 "
20" Labour Round 18" Labour Round	2 "	6 "
Round Cane Pungkis	1 5/8 "	6 "
Split Came Pungkis	11	6 "
Plucking Basket	4 Katie	3 "
Copra Basket	91 "	2 "
Coal Basket	5 "	1 Piece
Centre Cane		
Waute Paper Basket		
- Open type	6 Tahils	4 Pieces
- Close type	10 Tabils	3 "
Desk Trays	8 Tabils	3
Linen Basket - Big size	3 Kt 8Th	4/5 Piece
- Medium	2a Katis	1 "
- Special Big		2/3 "

Pource: Kinta Valley Workshop - Ipoh

Refer Appendix for Diagrams

when the rattan arrives according to date specified, then there will not be any trouble in the scheduling of products to be made. But there are cases, when the rattan fails to arrive according to date and thus scheduling has to be adjusted to suit the amount of rattan that is left in the store. In such cases, less work will be done by the workers as there are not enough rattan to keep them in normal rate of production. This problem can be solved if stock is increased to include reserve for period when the fresh supply of rattan fails to arrive in time.

### Distribution

In this workshop, there is no one assigned to the post of salesman . the manager assumes such job in addition to management. The workshop has no middleman or distributing charmel to handle its goods. It deals directly with its customers who may be final consumers or to retail slops which will in turn re-sell to their customers. The policy of the workshop is to sell directly to snybody who wishes to purchase its products. Thus we can find an assortment of customers on the workshop list such as the retail shops, departmental stores and government departments. In disposing of its products to its customers the workshop adds any cost of transportation that it has to pay to deliver the products to them through railway service or other form of transport. Although it has its own small lorries, these are used sminly to deliver products to customers in Ipon only. Sometimes the products are picked up at the workshop by the customers themselves. These transport charges which are added to the prices of the products may form a limiting factor as to the scope of the market which the workshop can cater. with increase distance, the more will be the transport charges and thus the higher will be the total price that the customer has to pay. Therefore instead of ordering from the workshop, oustomers from out of Perak may find it rather cheaper to order it from dealers nearer to their places. However, if the workshop can reduce cost of production sufficiently to absorb part of the transport charge, then there is a chance of increasing the area of its market to include other states as well. As at the moment, customers outside Perak are limited mainly to Kuala Lumpur.

### TABLE 3 RAW MATERIAL - 1965

Type of Cane											quantity in Katis
Centre Cane	•	•	•	•	•	•	•	•	•	•	3535
Cane Skin - Wo.2	•			•	•	•	. •	•	•		121
Split Cane	•	•	•	•	•	•	é	•			<b>1</b> 550
Sattan Tahan			•		•	•	٠	•	•	•	15
Rattan Ayer	•	•	è	•	•	•	•	•	•	•	750

baskets. Apart from this estate, other estates made comparatively small purchase. In this section sale could be increased by any of expending the number of estates purchasing products from the workshop

Commercial Firms: In this section we find that the castomers are more widesgread and not centred in Ipoh but extent over to Busla impour as well. The main customers are the retailers; they are mainly from Ipoh and their purchases are mostly for waste paper basket, labour round bashet and school bag. These are mainly for re-sale and not for own use. Some of these quetomers are dealers of raw come with whom the workshop purchases its rattan requirement. The return purchase of ready made items on the part of the retailers are of mutual arrangement and involves no tenders. They are all year round buyers. The big dopartmental stores like Robinson & Co., wold Supermarket, and Ally & Co., are all in Enala Lumper. Their purchases are seasonal in nature. They order mainly in December and the goods are hamper bankets; saich ere made in the workshop only when orders for them are received. In all these cases, the main products ordered are made of centre cane material such as waste paper basket, hasper basket, and unlike the first and second category of customers which purchase mainly round came products like labour round baskets. With these castomers, the manager must be vigilant about their purchases in order to maintain the relationship.

Private Organisations: The chief customers here are Perak Furf Club and Ipoh Swimming Club. Their purchase is comparatively small and comprises mainly of round cane products like refuse basket, labour round and rattan arm chairs.

Apart from the above, other customors include schools and members of the public who made frequent visits to the workshop. However, their purchase is only small in amount and does not form a large part of the total sale.

If comparison is made among the above postions of customers, the government departments form the largest purchaser, with cornercial organisations in second place. In Table 5 is listed the major items that are produced and sold in 1965 with their estimated total value. In the round came section, the labour round basket forms the product with the largest sale with 2688 pieces valued at \$3,355.60. Among the three types of labour round basket, the 22" type is the chief product with the sale of 1816 pieces valued at \$2,313.60. In the centre came section, the best selling product is waste paper basket which amounted to 3,927 discos valued at \$3,915.00: this accounted for three quarter of the total sales in the centre came section. On the whole, we find that round came section contributed more sales than centre came section with 4,596 pieces valued at \$7,234.00 as sqainst 3,162 pieces valued at \$7,234.00 as sqainst 3,162 pieces valued

There are two methods with which the workshop obtains orders from its quetomers:-

- (a) Tender: This consists of sending in tender to people who have advortised in the novembers about their requirement of rattan products which the workshop can supply. Some of these customers may not advertise in the nouspapers but they have been known to need a yearly requirement of rattan products and so tenders are also sent to these people. In both of these cases, the workshop like any other firms, sends in its bids to supply the products required at certain prices for the coming year. If its bid is successful, then the workshop will be informed that for the coming year, the firm concerned will obtain certain products from the workshop only. Later, the workshop will then anticipate or foreast the amount which that firm will want for the next year, and achedule its products to suit it so that whenever the firm wants the products during the year, there is already a stock of such products and so can supply instantly or have the least delay in delivery. Among such customers, are the " Dipoli and departments under the Ministry of Defence.
- send in orders for certain products that they require and then if there is stock in the workshop, delivery is made at once. If not, then there will be a delay of a week or two for the products to be made. This type of order comes mainly from retail ratten dealers in Lpon usually their customers have placed an order from them but it is not available in stock and so they (dealers) term to the workshop for supply. Here, these shops may act as middlemen but them not in strict term of the word. Sometime, these retail shops may give orders throughout the year but at times orders are made only at certain time of the year, such as those for harper basket from departmental stores in Kuala Lupur. They are made in becamber; in this case no stock is kept but the pre-

In Table 4 is listed the major customers that have purchased from the workshop in 1965. They can be deviced into 4 major groups.

with total purchase of approximately 112,000 last year. They are mostly situated in Perak and can be divided into J.E.S. Ipoh, Ipoh Municipality and Town Councils departments of various towns in Perak. Their total purchase amounted to 88,107 worth of products made up of labour round banket, lorry basket and waste paper basket. Pinistry of Defence bought shout \$3,064 worth of waste paper basket. Other buyers purchased products valued less that \$700. Improvement in sales could be made if orders from all the Town Council departments in Perak could be obtained.

Estates: There are only 5 estates which purchased from the workshop. All of the products are made of round cane materials. Some of these estates are associated with planting rubber, tes and oil palm and the beskets purchased are used in connection with these activities. The biggest buyer is Jugra Land & Carry Co. Ltd. which ordered plucking

TABLE 4

### MAJOR CUCTOMERS OF PENTA VALLEY ECRESHOP 1965

Government Departments	Value	Items
F.V.D. Ipoh	\$4839.00	22" Labour Round Basket Saste paper Basket Linen basket
Ministry of Defence	\$3064.00	aste paper basket
Ipoh Municiple	\$2831.00	Refuse basket
Majlis Sandaran - T. Anson	8 650.00	Zofuse basket
Mental Rospital - T. Rambutan	495.00	Rattan basket
Sungkai Local Council	£ 153.00	Refuse basket
Town Council - Ipoh	\$ 84.00	Battan Dasket
Replanting Office	\$ 42.00	Waste Paper Basket
Malayan Railway	\$ 42.00	Coal Ratten Basket
Social Welfare - Ipch	\$ 26.50	Waste Paper Basket
Civil Aviation - Ipoh	s 30.00	Rattan Chairs
Ipoh Cecretariat	£ 22.50	Refuse Basket

ctates	Value	Items
Jugra Land & Carry Port Swettenham	1792.00	Plucking Basket
Gopeng Consolidated  Ipoh	<b>\$2</b> 90 <b>.00</b>	babour Round Basket
Blenheim Estate Perak	\$138.00	Copra Basket
Moynalpy Estate Perak	§ 73.20	Scrap Basket
Sanglop Estate Perak	\$ 20.00	Scrap Basket

TABLE 4

### NATION OUSTONERS OF KINTA VALLEY SORKSHOP 1965

Commercial Firms	<b>Value</b>	Items
Lee Tuck Kee - Ipoh	\$869.00	Faste Paper Basket
		obcel Bags
Veld Super Market - K. h.	<b>\$560.00</b>	Hamper Basket
Guan Hin & Co. Ipoh	\$540.00	Labour Round Basket
Hup Tik Hardware Store Ipoh	\$370.00	fofuse Basket
		Labour Round Basket
Asia Co. Ipoh	\$242.00	Waste Paper Backet
		Linen Basket
Caldeck McGreg & Co. K	\$240.00	Sine Centre Came
ean Huat Timber - Ipoh	\$240.00	Pungkis
		Labour round baskst
Bbinson & Co. K.L.	8150.00	Hamper Basket
My & Co. K.L.	\$ 73.00	Hamper Basket
French Bakery Ipoh	\$ 65.00	Bread Basket
Seng Bee Ipoh	8 24,00	Baste Paper Basket

Private Organisation	Velue	Items
Perak Turf Club	\$454.00	Refuse Basket Labour Round Pungkis
Ipoh Swimming Club Malayan Association Of Blind	\$320.00 \$54.00	Rattan Arm Chairs Hamper Basket

Source: Compiled from sales record of Kinta Valley Workshop.

TABLE 5
SALE OF MAJOR ITEMS IN 1965

Items	Mumber in leces	Value
ound Cane		
2" Labour Round	1816	\$2313.00
lucking Baskst	720	£ 792.00
O" Labour Round	562	£ 763.00
8" Labour Round	310	\$: 279.00
lefuse Basket	321	\$1428.00
Drain Basket	100	\$ 200.00
ound Cane Pungkis	600	\$ 605.00
Tound Came Pungkis Big	92	\$ 257.00
opra Basket	24	\$ 138.00
' x 5' Baske t	20	1 330.00
iread Basket	15	\$ 65.00
coal Baskst	12	<b>\$ 42.00</b>
entre Cane		
easte Paper Basket		
-Close Type	796	\$ 979.00
-Open Type	2731	\$2936.00
amper Basket	446	¥ 768.00
inen Basket	123	§ 2 <b>71.</b> 00
lower Basket	50	\$ 75.00

Source: Compiled from sale record of Kinta Valley Workshop.

TABLE 6
CALES OF MAJOR ITHMS IN 1963

Items	Number in Pieces	Value
ound Cape		
O" Labour Round	1446	31554.00
2" Labour Round	2512	\$3266.00
8" Labour Round	190	£ 161.00
ound Cane Pungkis	960	21083.00
Split Cane Pungkis	390	\$ 244.00
efuse Basket	720	12837.
lucking Basket	240	₽ 864.0 <b>0</b>
cal Basket	3€	\$ 105.00
Gorap Basket	83	\$ 531.00
Copra Basket	60	\$ 264.00
egetable Basket	100	\$ 350.00
attan Busket	40	¥ 220.00
Centre Came		
aste paper basket		
-close type	140	\$ 209.00
-open type	166	% 166.00
ldnen Basket	104	E 894.00
Book Basket	190	\$ 240.0 <b>0</b>
Furni ture		
Rattan Chairs	140	\$ 490.00
Came Chair with Steel	6	\$ 120.00

Source: Compiled from sales record of Kinta Valley Workshop.

The chief money earners being labour round basket, round cane pungkis, refuse basket, plucking and waste paper basket and lastly hamper basket.

In Table 6 is shown the sales figure for the year 1963. Comparison about sales could be made between 1965 and two years back in 1963. The striking thing is that heavy reliance is placed on sales of those products made by round cane materials in 1963, but as years passed in 1965, the sales from both centre came and round came products are less contrasting in number and value. It would be better if this takes place without any decrease in sale in round came section to compensate for increase in the centre cane products. But as seen, products of round cane have decreased much in 1965 when compared with 1963 figure. The increase in centre came products in 1965 is not enough to compensate for the decrease in the round came products to make the total sale in that year even equal to 1963 figure: 1963 sales amounts to \$18,800.00 while in 1965 it amounted only to \$16,700.00. The figure for 1965 has been on the same level for the 1960. Therefore we find that the sale of the products in the workshop has not made much progress and this could be a handicap to both the workshop and the caneworkers. To achieve it objective of providing employment to the caneucrkers, sale has to increase sufficiently so as to be able to offer them work, and also for its own maintainance. But at present, the number of workers has already reached a point where sale that was made last year is not enough to keep them fully employed. Therefore if the trend of the sale in the workshop continues not to increase sufficiently, then the workshop would not be able to offer any more employment for the caneworkers. As at present, most of the caneworkers sho finish training at the Gurney Training Centre have to find their own livelihood by being workers on their own.

To improve the situation, the workshop should expand sales to its present customers and to new customers. Government departments in all towns of Ferak should be encouraged to purchase their requirements from the workshop. The products of the workshop which are comparable to others in quality and prices could be distributed throughout Perak or at least in the nearby towns among the retail shops dealing in grocery and ratten products to increase sales. Sales to estates have been disappointing at least with regard to the number of estates that the workshop dealt with. In 1965, only 5 estates purchased their requirements from the workshop. In this section active salesman should be employed. At present the manager also holds the post of a salesman. There should be a salesman to keep track of the market such as the retailers and estates. The manager could perform the salesman work also in addition to his capacity as manager of the workshop - but this could be limited to higher level of sales like submitting tenders. Product scheduling should run smoothly. Delay in arrival of rattan should not be allowed to slow down production. This, as mentioned earlier, could be avoided by increasing each purchase of rattan to include also reserve for period during delayed arrival of fresh supply.

Thus the major step in maintaining the workshop as a source of employment for the caneworkers and a benefit not a burden to the Malayan Association of the Blind is to increase sales and there is much scope in this.

### CHAPTER IV

### I - GARMANIS

As we have noticed in the last chapter, the chances of finding employment in the kints Valley forkshop are less than beforemainly because the number of workers working in the case section is already more than what the sale could support. Thus the scope of the workshop being a source of employment for the blind consworkers is alim at present. If these caseworkers could not find employment in the sheltered workshop, it is no better to find it in open competition with the sighted workers outside the workshop. This is worse than trying to find employment in the workshop because the newly trained workers are lacking both in experience and skill. Even when the workshop tries to find employment for its experienced workers, it faces difficulty and has not been successful in many cases. When the caneworkers themselves try to do that, we just can not hope for any better result. Thus most of the blind who have been trained have no where to turn to but to be workers on their own account, that is to make and sell products by themselves.

From the beginning of the formation of the Gurney Training Centre, there are a large number of them who have not gone to work in the workshop in Kinta either for the above reason or for the reason that they wish to be on their own. Around Kuala Lumpur we can find about 30 homeworkers - some of whom live in Sungai way wew Village and Dato' Kramat Village. Some of them prefer to group among their fellow blind. Suite a number of them have come from outside hugha Lampur from Johore, Medan, and Tranggam. After receiving their training in the Gurney training Centre they went back to their home towns. But then, there they found that the market for ratten products is small and sale is not good. So they come and settle in fuela Lampur, because here, according to them, the market is bigger and further, raw materials can be obtained at cheaper price than in their home towns. This wrend of staying back in Kusla Lumpur has not been much in the early period of the establishment of the training centre but lately, there has been an increasing number of these trainees who have completed their training and who choose to stay here directly without ever returning to their home towns. Thus, this tendency has increased the number of the homeworkers here and hence what ever problems that these homeworkers might have.

These homeworkers earn their living by making rattan products and sell them around Kuala Lumpur and Petaling Jaya. They differ from the case workers in the Kinta Valley workshop in the sense that they are by themselves the workers and the sellers and dependent mainly on the income from this sale for their livelihood. The Kinta Valley workers

are wage earners and are not concerned with the sale or management and their earning comes in the form of daily or monthly wages. The central problem which these homeworkers are is facing is the difficulty of finding customers for their products. Here we shall examine the effect which this difficulty has on various aspects of their marketing of the ratten products.

### Raw Interial

The homeworkers purchase their raw material requirement from suppliers in Sungal Besi in Suala Lamur. The raw materials are obtained in two ways:-

- a) A homeworker goes to a ratten shop which deals in ratten wares and places an order there. This shop in turn orders from a whole-saler and after a week the homeworker comes and collects it from the shop.
- pool together their requirement for a period and order in large amount from a supplier. In this case, since the order is in large quantity, the supplier delivers the raw material to the place by a van instead of the homeworkers taking the material home by themselves.

The advantages of the second method are obvious. With the purchase of large quantity of material, price will be reduced. Further these homeworkers do not have to incur the difficulty and cost of bringing the material from the shop to their houses. This is because the wholesaler is now willing to deliver the material with his own van since the amount is large. When they group together, these homeworkers form a stronger bargaining power than when they purchase separately. Therefore this type of purchasing of raw material should be practised. But as the situation is now, most of them buy their raw material requirement separately. One of the reasons is that there are cases where the homeworkers live separately by themselves and this does not allow them to pool their requirement.

on the sale of recently finished products. If sale is good and there is no more stock, then the order for rattan will be maximum. If the sale is slacking, then the stock of finished products will pile up and so the amount of products to be made in the coming period would be less and likewise the requirement of the rattan. Availability of special orders also influences purchase of raw materials. There are certain items which are made only when ordered by the customers like linen basket. When there is special order then the material requirement will be more than usual and so more would be purchased, on the whole, judging from the small amount of products that have been sold, the monthly requirement of rattan tends to be likewise. No precise figure of raw material purchased during a month is available as no record of any nature is kept. The main thing here is that the homeworkers can-not

workshop as their requirement is comparatively small. Thus where cost of raw material is concerned, larger producers like the workshop stand to gain. The benefit that is obtained by pooling the requirement of certain number of homeworkers among themselves would not help the matter much. This is worse when there are also individual purchasers. Thus one of the disadvantages that these homeworkers have to face is the incapability of reducing cost of raw material as much as that of a large producer. This is due to their very nature of being separate small producers and not a combined one.

The types of rattan purchased depand on the products made. The chief item is centre cane of sises 10, 12, 14, 15. This is because most of the products made by the homeworkers are of centre cane variety, like waste paper basket, desk tray. Sometimes coloured centre cane is also purchased. This type is used in making waste paper basket, desk tray. In these products, it is used only as a decorative item to enhance the attractiveness of the weaving. Small amount of round cane is bought as not many products like labour round basket, which are of round cane variety, are made by them. The only round cane bought is of small type used in making the handle of market baskets.

The payment for these raw materials are made in cash, which is obtained from the sale of rattan products. At present, there is no difficulty in paying for these raw materials as the requirement is small in amount. But there is bound to be difficulty in the initial stage if they venture to make larger amount of products requiring more and bigger purchase of cane. This is one aspect of raw material requirement that have to be considered if any step is taken to increase the amount of sale of their products. At present, by themselves they are incapable if providing financial support necessary for purchasing large amount of raw material. This is because the money used for the purchase of raw material is derived from sale of products. This is not enough for purchase which are bigger than they are customarily used to. Thus in the initial stage, financial support of some kinds have to be made to them to make possible for them to produce in large amount.

In addition, to the raw material in the form of case, these homeworkers also need basic tools such as scissor, knife, hummer and other items which are necessary for weaving the rattan and turning them into various products. These equipments were given free to each of them when they left the training centre. Thus in case of basic equipment, there is no problem. Improvement has to be made only with regard to rattan material.

### Products1

These homeworkers make only products which use centre came because these are the items which they are able to sell to their present customers. These items are:-

Refer to Appendix for diagrams.

- a) Weste paper basket
- b) School bag
- c) Desk tray
- d) Market basket
- o) Linen basket
- f) Sattan ball

This is in sharp contrast with the products made in Kinta Malley Workshop which comprise a wider range of centre came products in addition to round came products. This is due to the influence of the market. These homeworkers are capable of making other products not mentioned above of both centre and round cane materials if the market for them can be found. But at the moment the range of products that can be sold in the present condition is limited in number. Even for the products mentioned above, there are products which they make only senstimes, that is when there is an order from a customer for that item. It is not so much that there is no demand from customers but with the customers that the homeworkers have managed to contact, the amount of products that they can sell is limited both in variety and quantity. Bis is the main result of the lack of mean to find mariet for their products. With expansion in range of customers, then the range of products could be increased. But as the situation now stands, the market is mirrow. The homeworkers have not the capability of finding it and so the arount and types of products that can be sold are consequently restricted.

The chief item that these homeworkers make is waste paper basket. This is the product which can be sold easily in the present market because of its good demand. The limited market that they cater demands this product most in comparison with other products. Out of 14 cases of homeworkers examined, about 11 of them make this product every month producing 268 pieces. The average production per person per month is approximately 24 pieces. This is a high figure when compared with other products listed in Table 7. For other products, less than half of homeworkers concerned produce them, and the average monthly production is less than 60 pieces with the exception of ratter ball; this product is made only by one homeworker producing 100 pieces every month.

In the case of linen basket only 2 of caneworkers make it every month producing only an average of 3 pieces monthly. This product is made only when there is an order from a customer. This is an expansive item to make and requires more centre cane than other products to complete each. So the homeworkers do not want to spend large amount of material and every working hours on product which they feel looks customer's demand. Even when there is a customer's order for it, a homeworker runs a risk of the order being cancelled in the last moment when the product has already been completed. Thus loss will be incurred by him as this product is difficult to sell.

Products which can be considered as the next best to the waste paper basket in production, are school bag and market basket.

TABLE 7

### AVERAGE PRODUCTION AND PARTICIPATION BY HOMEWORKERS

Products	Average Participation by Homeworkers - Monthly	Average Monthly Production
Waste Paper Basket	11	268 ?ieces
School Bag	5	58 #
Desk Tray	2	16 *
Market Basket	3	22 "
Linen Basket	2	3 *
Retten Ball	1	100 "

Source: This is compiled from forms submitted by the blind workers to the Department of Social Welfare Selengor as required by the Department when any Compensatory Allowance is to be given to them. Forms in the first 3 months of 1966 are taken.

This is the average number of workers producing a product monthly in the past three months. The total number of homeworkers taken into consideration is 14 - as this is the number who had submitted to the Social Welfare Department records of their monthly production. The total number is regarded as sufficient to be representative of the production of the homeworkers in Kuala Lumpur as the number of all homeworkers numbers approximately 30.

Shout 5 of the homeworkers make school bag every month and about 3 make market basket producing about 58 and 22 pieces respectively every month. Thus the chief 3 products which are made most by the homeworkers are the waste paper basket, school bag and market basket. If comparison is to be made with the items being sold at Kinta Valley Workshop, we find that there is similarity as to the best product in the centre came section. In the workshop and among the homeworkers, the waste paper basket forms the main product in sales. Here the similarity stops. The homeworkers are dwarfted by the wide range of products that the workshop produces and the quantities as to the amount sold. However, comparison such as this is unfair considering the circumstances that exist with the homeworkers. They are their own producers, managers, and sellers and with their blindness, there is nothing much which they can do to reach even 1/5 of the production of the workshop.

Bach homevorker produces an assortment of goods every south. Each would have a standard item which he makes monthly. this type of product he would add one or two other types of different products like school bag and market basket. Thus each time he goes out to sell his products, he would carry a commination of two or three different types of products. It can be a combination of waste paper basket plus market basket or other combination prefered. Some homeworkers would make two or even four combination of different products. At time we can find that only one type of product is made. combination of different type of products among homeworkers differs. Usually the standard product is waste paper basket, and the most common combination is 2-type combination. The combination of different types depends on the judgement of individual homeworker. This may be influenced by the prospect of sale. Personal preference due to feeling of boredom in making same product every day also plays a part. Certain product is added to a combination when there is a specific order from a quatomer. On the whole the range of products that the homeworkers profer to combine is limited to the types listed in the table 7. Other types of products are not occasidered for lack of Estility to sell inview of the limited market that they can manage to find.

The aim of producing a variety of products is to be able to sell as many as possible. To restrict production to only one type would run the risk of not being able to sell anything at all as the homeworker has only one type of product to offer. This is the case in view of the producer's inability to pin-point customers' preferences. Among the homeworkers, production of one type of product is feasible if there are orders before hand or an ability to sell to retailers. As shown in the table 7, one homeworker produces 100 pieces of rattan ball. This product is disposed at a retail shop. But the trouble is that not always there will be orders from customers or willingness of the retailers to purchase from the homeworkers. Therefore products are mainly produced in combination of two or three types. Although the production of one type of product has the advantage of speed and uniformity of raw material requirement which can lower cost, this

way is not usually practised. This is due to the fact that large numbers of homeworkers depend on the public for their sale - the larger combination of products would increase their chances of selling them. To the usual practice is to produce 2 or 3 types of products.

### Distribution

Impur and Petaling Jaya are the usual places where they depend for the sale of their products. Their main outtomers can be divided into two parts that is, the retailers and other ouyers which include government offices, companies, schools, and other members of the public staying in houses. Some of them profer to sell their finished products to retailers because they need not have to travel far er incur the trouble of finding customers. The retailers have fixed prices for each type of product that they usually purchase. These prices are lower than those which the retailers re-sell — this is to allow them a certain margin of profit. In some cases, it is the same shop where the homeworkers purchase their raw material requirement. The quality of these products are comparable to those made by the sighted canesorkers in majority of cases.

A number of them prefer to sell their products to the general public. This is because at times, the retailers would not like to take in any more of the products because of sufficient stock, or because by selling straight to the general public, these homesurkers can obtain higher prices. The first reason is generally true but as to obtaining better prices in most cases remains to be seen. The prices for different types of products that they quoted are comparable to those quoted of the retailer shops dealing with rattun products. However, there are some differences among the homeworkers as to those prices. Come have offered a slightly higher prices in view of the expense and the trouble that they have incurred in bringing the produsts to the sustamers by themselves. Das have offered lover prices than those available in the shops, as a mean to ensourage purchase . Thatever prices they offer, they really have no control over them and the prices vary with each customer. The prices are in the customers hands. For example, the price for the waste paper basket is \$1.60 each - but the price that they obtain from General public is in acat cases, usually less than this. With varying prices, their profit surgin tends to vary and generally, towards the lesser asount sinua prices are not as high as those sold in the rattan shops. This is aggravated by the fact that their volume of sale is not large. In most cases, the customers prefer to have a discount and in this case price has to be lowered if the homeworkers wish to dispose of their products. After having travelled quite a distance to reach these oustomers, the homeworkers are inclined to give in to these discount prices rather than incur the trouble and expende of parrying these products back home without any income. Their main policy is that as long as there is an ability to make a profit of 20g or 30g, they will accept the price. Such lack of control on prices of their own products denotes the weak position of these homeworkers in their

relation with their present market.

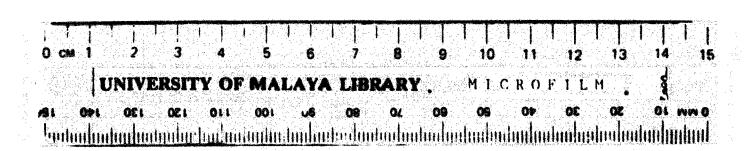
about \$55.00 - \$60.00 worth of rattan products. This figure is the highest. It is only sometimes that they receive such amount. In cases of sonths where sale is low, then sale will range only between \$35.00 - \$45.00 monthly. With such small amount of income, the standard of living of these homeworkers is low. Repending on economic situation, some of them receive compensatory Allowance from receive department valued at \$25.00 monthly, but this together would not reach near the income of the caneworkers of the Kinta walley workshop. Thus these homeworkers is in no better position in both the amount of income received and the regularity of such income.

The dain difficulty that these gample experience and the root of their present condition is the difficulty of finding curtomers. This problem is faced by all of them, and west, by those who travel and sell their products by themselves. This travelling takes such of their time. In a month they usually go out a timea; the rest of the month is used in producing their products. From morning till evening they would cover wardous reads and residential areas in Eugla Lumpur and Petaling Jaga. The initial journey from their houses is made by taxi or bus; former way is preferred if the themsecrker carries large amount of products siace their bulky size prevents him from boarding the buses. On reaching certain destination, he will then lo the travelling on foot. Places are found by askings no specific area is noted and the usual questions involved the whoreabout of any office, government department, residential area, or factory. These are their quatomers. Although their oustomers, as mentioned consist of different sections of market, these hemeworkers do not have the knowledge of approaching them. At these places, reception varies. Sometimes, it is favourable and they are able to sell their products. It time, some ever, in offices they are regarded as mulsacte: and with regard to factories they are not allowed to enter the gramises without ang credential that they are from Balayan Association of the Blind. Fare ve find that although in these places there exist good market for the products, not much sale is made since the approach taken by the comeworkers in getting sales is a wrong one, at sime, just to get ris of them or for a sympachetic feeling, people in offices or commercial establishments would purchase 2 or 3 pieces for their own home use. This way there will not be much sale. In placed like these, purchase for the establishment is an official business and involves approval of head of department as this forms part of affice expenditure. These if any sale were to be made in places like thece, it has to be done through a different approach rather than by the method presently employed by the homeworkers. Therefore, in addition to the lack of market, there is also lack of understanding as to the method to be used to obtain sale from the market which shey are now in contact with.

the fact that they are blind. This is worse for those who have

just arrived in Kuala Lumpur from outside states and who are not familiar with the roads and places here. For those who have just been here, there is great limitation as to the number of places that they would be able to visit. In some cases, it is fortunate that there are some fellow homeworkers who are willing to sell for these new comers. Furthermore, in Kuala Lumpur and Petaling Jaya, they have to compete with the sighted caneworkers such as retailers and individuals. These sighted people are in a better position to find market.

If only this difficulty of finding market can be solved, then the condition of the homeworkers can be improved.



As we have seen in the past pages, the present condition of the nomeworkers is due to the difficulty of finding market for the rattan products that they produced. Settlement Grants valued from \$60.00 - \$130.00 which are given to them when they left the Gurney Training Centre are of not such help recause this money will be used up within a short time, and then the next source of finance will be from the cale of their rattan products. Thus the real help would be in helping the blind to obtain larger amount of income from this source. This can be done by solving the problem of finding market for their products. Recognising this, the Malayan Association of the Blind has proposed to set up a sales organisation in Kuala Lumpur. This organisation has the main objective of finding market for the homeworkers. The proposed organisation will work this way. It will try to obtain orders and distribute these orders among the homeworkers equally. It will also supply the raw material required to produce the products to fulfil the orders. After collecting the products, it will pay the homeworkers on the spot minus the cost of material, transport or any other cost which the organization deems necessary. These products will then be delivered to those oustoners the have ordered them. Thus with the establishment of a sale organisation, the homeworkers will not have to bear the problem of finding market for their product and of financing the raw material requirement. They will become producers only and will be doing their share of production in their own homes.

of such workshop is indeed bejond doubt, we have to have some idea as to the extent of the available market which this proposed sale organisation will cater. Besides being a benefit to the homeworkers, this organisation should also be likewise to the Malayan Association of the Blind and not a burden. A market research towards the finding out of the available total market would be an accurate way of gauging the market and the size of their purchase. Here, as an alternative to survey, I have proposed to merely indicate where the market for rattan products lies without going to the extent of finding out the actual size of this market.

The establishment of this sale organisation would try
to serve the market which would not be of much difference from the
Kinta Valley Workshop. The market with the workshop has already
been dealing with can serve as a guide or indication as to the
availability of the market here in selangor or in neighbouring
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states. In other word, are the types of market that the workshop
states. In other word, are the types of market that are being served by
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the workshop. Ath reference to the Table 4 it is noticed that the market can be divided into 4 sections:-

- a) Covernment Departments
- b) Commercial epartments
- o) Estates
  - d) Private Organisations

From the discussion on the 4 sections of the market, it is found that in the Government Departments, the purchasers consist mainly of J.K.R. Ipoh, Ipoh Municipality and also Departments under the Ministry of Defence, and also Mental Rospital in Perak. With regard to commercial departments, the customers consist of retailers in ratten wares, departmental stores and supermarket. The estates are made up of these engaged in rubber, tea and oil palm plantation. Private organisations consist mainly of local organisations like Tpoh wimming Club and Perak Turf Tlub.

Maying known the various sections of the market, the next step is to find out whether the same thing exists here in melanger - which the proposed sale organisation is going to serve sainly.

Government Departments: As mentioned earlier, two of the Kinta Valley Workshop's major customers are the Ipoh Municipality and J.K.R. Ipoh. Their requirement being refuse and labour round baskete, which are being used in carrying rubbish etc. Here in clangor, such baskets are still used by the Municipal workers and J.R.R. workers in such big towns as Kuala Lumpur and Klang. Even if we are to consider only Kuala Lumpur, the requirement would definitely be larger than that of Ipoh which is the chief buyer from the workshop. In addition to this, there are other towns in this state to augment the size of the market. Ministry of Defense made a large purchase of waste paper basket from the workshop; this is for the supply of the arm forces. There are other items besides the waste paper basket which are required by the departments under this Ministry like linen basket. Even if other departments of the government service do not use large number of round came items, there is definite use for office materials like deak tray and waste paper basket. This can be extended also to other offices outside government service. Rospitals can be another course of market for centre came product like linen basket. Thus the departments under the government service can be one of the best market for battan products.

Commercial Organisation: In the discussion about the workshop, we have noticed that retail dealers in rattan products buy large amount of products for resale to their customers. Here in Kuala Lumpur there are rattan dealers which although being a source of competition can also be a very good market for the products of the proposed sale organisation. These retail dealers have their own

continuers from which the sale organisation can benefit by being a supplier to these retailers for resale to these oustomers. Any requirement which the retailers need can be drawn from the organication. This helps a great deal in distribution and reaching sustomers which the workshop might not have known. There are large consercial departmental stores like field Supermarket, Fock Lee & Co. and others sealing in both grocery and textile. Some of them purchase hamper Busket from the workshop during the month of Genember for the Christman. Besides the Christman they also mater for other factive secons such as Chinese New Year. Thus there are also requirement for baskets like cake basket. Cometimes theme stores have off-senson astraction like baving 'Special Offer' which amquires certain ratton products to fill in the products offered by them. Big commercial organisations certainly need office products like waste paper backets and deak trays. Although with regard to these two products, competition from metal desk truys and plastic waste gaper backet existe, there is still preference for the rutten waste paper basket.

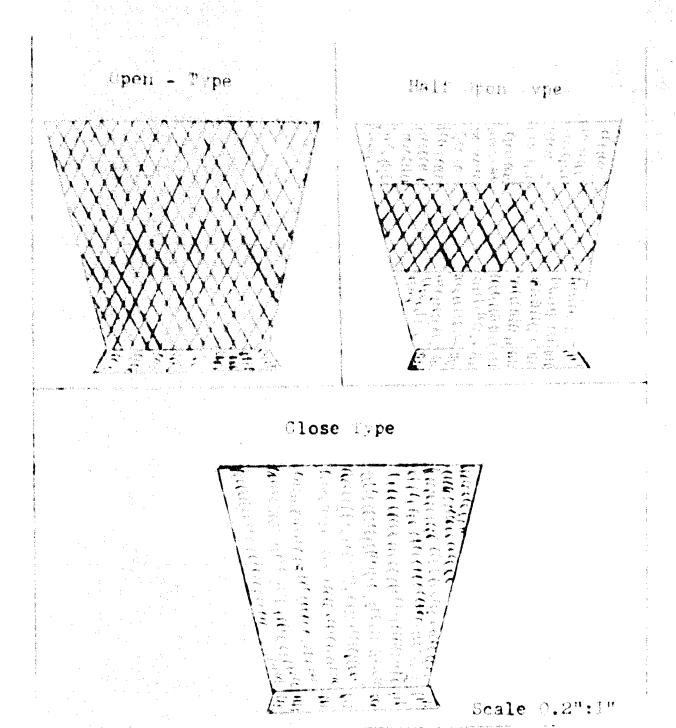
Estates: In this field, not all estates require extensive nes of rattan products. Rubber estates are among this catagory. That of 3 estates visited with sizes ranges from 1500 - 8000 acres, not even one has much use of ratten products. The only products used are refuse basket - this is used when weighing rubber sheets and sorap mabber and the requirement for each estate sould not amount to more than 2 dosen pieces a year; pungkis are also used in some estates which have to heal with road repair but since road repair does not take place always, the requirement for this product is also low. Requirement in oil palm estates have been indicated by the Roofin So. Etd. which have an annual purchase of 39,000.00 worth of results cane products of various types including laceur round basket, pungkis and refuse basket of different sizes. However, it must be reminded that not all oil-palm estates have mimilar requirement bukit Raja Oil Palm Setate near Slang have bud no use at all of rottan products. Fith regard to tea plantation, the med is chiefly on plucking baskets which are used in carrying that leaves. Thus we find that requirement in some types of estades is low and in some types is high. That is plain to us is that in this state and in heighbouring estates, there are many extensive estates of types mentioned. Even though their requirement may be centred to two or 3 types of products, the overall size of this requirement is definitely going to be large, for all the estates added.

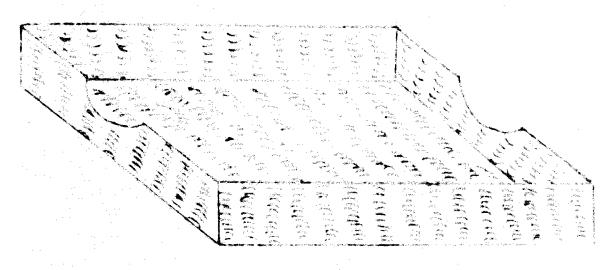
The market for rattan is not limited to those discussed above only. Private organisations or clube dealing with recreational activities are present in Selangor. Items like school cage are skill used by school children; in face of compatition from other types of used by school children; in face of compatition from other types of cage made from other materials. Market cashate have ready market cage made from other materials. Market cashate have ready market asong house wives and small decorative items like miniature elephant, some and cat made of rattan can be of attraction to tourists for convenirs.

Thus we find that the market that existed for the workshop in Kinta Valley can also be found here in Selangor. Therefore,
the proposed sale organisation can really look forward to serve
this market both for the benefit of the homoworkers and the Malayan
sasociation of the Blind.

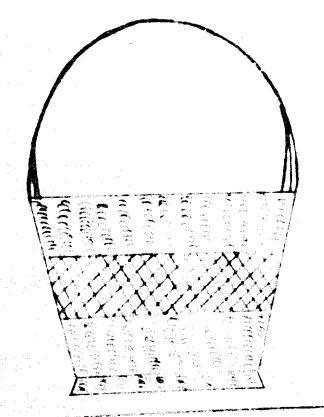
### Diagram I

### Waste Paper Gasket





Desk Tray



Market Basket

Scale 0.2" : I"

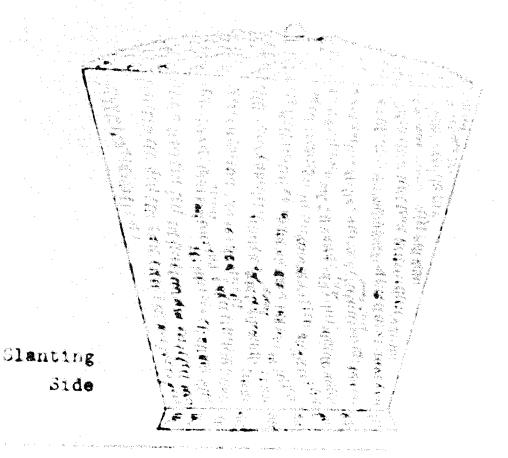
Flower

sewing

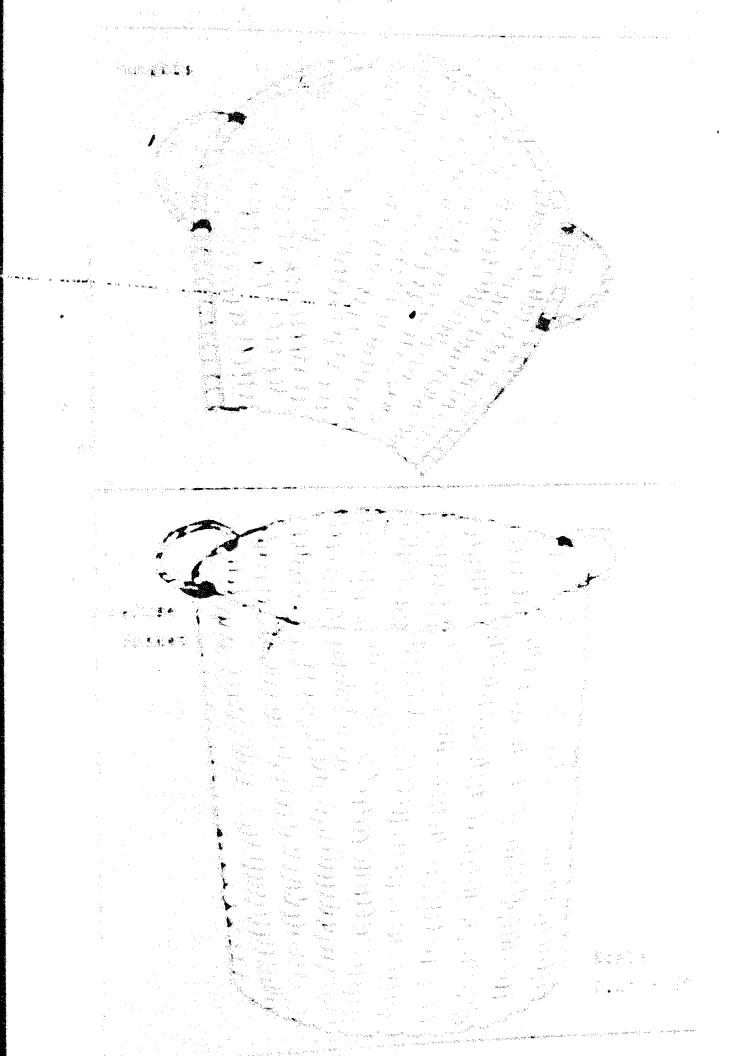
Basket

deal = 0.2" \*1

(秦本森豐糕 - Bayaba)



Straight side



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#### REFER NORS

- 1. Gurney Training Centre for the Blind Annual Report . 65
- 2. 'Assessment, Training and Placement of the Blind'

By Mr. Fred Rong.

3. Ourney Training Centre for the Blind

- Janevork Milabus

. 'A Brief Eletery of the Surney Training Sentre'

By Brinsipal - 070

- 5. Report of the Council and absounts '5), and '64.
- 5. Kinta Valley Forkshop sales receipts and sales record.
- 7. Ourney Training Centre sales record.
- 8. Social Welfare Separtment Selangor Sempensatory Allevance
- 9. 'Kinta Valle; Corkshop' Sules & Regula (2000)

By Walayan association of the Blind.

### MARKETING OF RATTAN PRODUCTS

MADE BY THE BLIND

py

Abu Bakar Hamid

A Graduation Exercise presented to the University of Malaya in part fulfilment towards the Degree of Bachelor of Arts with Honours in Economics

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#### ACKNOWLEDGEMENT

This exercise would not be jossible were it not for the kind co-operation extended by members of the Malayan Association of the Blind, Curney Training Centre, Kinta Valley Workshop and the blind of the Malayan Association of the Blind Headquarters; Kr. Fred and Mook Chem and stelf of the Ourney Preining Centre; Mr. S.L. Yap and staff of Kinta Valley Workshop and the blind caneworkers who are many to mention but nevertheless equally valuable; and also my supervisor Mr. Yip Yat Boong.

The Malayan Association of the Mind (MAB) in 1953 established the Gurney Training Sentre in Mudla Lungur with the objective of training suitable blind people in certain fields which they can use as a mean of earning their livelihood. One of the courses is in case work, and since its establishment the centre has already brained more than 100 blind people. As time passed, it was soon roulised that the real problem was not in the training but rather in finding employment after training.

built the Kints Valley workshop in Tpoh. Fart of this workshop aims at providing employment and further training to the caneworkers to prepare them in finding employment later outside the workshop. When these workers have gained enough experience and confidence in their work, employment will be found for them by the workshop officials and the vacancies thus created would allow taking in fresh workers who have just finished training in Gurney Training Centre.

Somehow, it did not work out the way it was planned. Employment for the blind workers was hard to find and only some were coployed, outside. Further some workers preferred to stick to their work in the workshop. Anyway, the workshop continued to take in fresh workers with the result that the number of conseverkers in the workshop increased to 20 at the endof last year. But this cannot continue for long if sales do not increase also. East year, the total sales dropped to the level 5 years ago. Thus at present, the workshop is not taking as many new workers as before and consequently most of the caneuorkers have to find employment somewhere else.

have to work on their own. The condition of those home-workers deserves sympathy. A homeworker is able to sell monthly at the most 560,00 worth of ratten products. The difficulty lies in the finding fraction of their products. As nost caneworkers the have been of market for their products. As nost caneworkers the have been trained by the Curney Training Centre have to turn to this way of life, trained by the Curney Training Centre have to turn to this way of life, this problem deserves special attention. In fact this problem was this problem deserves special attention. In fact this problem was recognised as early as 1958 when a recommendation was made to form a recognised as early as 1958 when a recommendation was made to form a sales organisation. This organisation will been great help towards sales organisation. This organisation will been great help towards should not be doubted in view of the presence of market for rattan products.

#### CHAITER I

#### INTRODUCTION

The object of this exercise is to study, by way of discussing and murketing of rattan products, the problems that are faced by blind Charles or their attempt to earn their livelihood and by the Kinta alley workshop in providing exployment to some of them.

The discussion is divided into three parts:

### 1) Gurney Training Centre:

Here the blind people are given training in canework thich is simed at providing them skill to earn their living. However reciping alone is not enough. What is more important is the application of this training in their every day life when they leave the Constitue.

### ii) Kinta Valley Workshop:

This provides employment to some of the cancworkers. owever, due to decrease in sales it has reached a point where it could not be much of a source of employment to caneworkers after weir training in the Jurney Training Centre and therefore nearly Il of them have to turn to working and earning their living on their W.11.

### 111) Homeworkers:

Incressing number of canearchers have to turn to this field for lack of alternative employment. Difficulty of finding market for their products has been the root of the problem in this group. eo eliminate it, the Malayan Association of the Blind has planned to set up a sales organisation and the prespect is good as market for the homeworkers' products can now be increased and their standard of living likewise improved.

In Section (ii) and (iii) above, marketing is being discussed by breaking it into various parts such as the types of products and raw materials and distribution. Retail analysis in some cases is not possible due to lack of data.

#### - GERRRY TRAINING GER THE

The Curney Training Centre was founded in 1953 with the eligibliative of giving training to blind people in certain suitable fields strick can be used later as means to earn their livelihood. There are many courses which are open to them such as Stessgraphy, Telaphony, enctory work and Cancwork. Here we are concerned only with the last course - canework. Since its existence, the Centre has trained over 100 blind people in this field. The training which this Centre gives is very important. Thisisbecause it is from this training that the blind will acquire skill in canowork which can be used either to make and sell ratten goods by themselves or to find employment in any establishment which would take them. It is this training that will be partly resconsible for the extent of the success that they will find when they leave the Centre and use it to find their livelihood. Therefore the training in this establishment plays an importent role in the life of blind people who are engaged in canework and who come under our disconstion.

The course for cenework covers a seriod of 2 years. Only suitable trainess are put into this course. This selection is made during the first 3 months when the fresh trainees are assessed for their interest, aptitudes and capabilities. One may of doing this is from the application forms which if properly filled up, provide a good deal of information about the applicants. As a mean of assessment and a basis for vocational guidance, a range of activities which include hight crafts, woodwork, chain link fence making, steel farniture and light assembly exercises are provided. The Centre has introduced these activities into the evaluation programme for various reasons such as to test the trainees! finger dexterity and hand co-ordination. A record of each trainee's performance in these activities is kept and at the and of assessment period, a Cairly clear picture of each traince's potentialities emerges. During this period of assessment, the traince is also given help to regain self confidence with a programme of instruction in mobility, in the performance of the common tasks of daily life and where necessary, in braille and type writing. At the end of this aggessment period, those found unsuited for training and employment are discharged.

The suitable traineds are then put into the canework course covering a period of two years. During this me riod the trainees are trained to make various types of rottan products which also involve a number different types of weaving, border.

<sup>1</sup> Refer to Appendix for Disgrams

The syllabus that these trainees have to follow is as follows:-

Pirst Term: Round Earth Basket Waste paper basket Skin cane work Seat caning

Second Term: Fungkis

Hefuse basket

Desk Tray

Third Term: Book basket

Shopping Basket Flower basket

Square picnic basket

Fourth Term: Sewing basket

Linen basks t

Lapped-over picnic basket

Fifth Term: Plonic basket with flask container

Cradle Toy cradle Cane Ball

Sixth Term: Decorative articles

Revision.

Each of the term covers approximately 14 weeks. The syllabus covers the following methods of weaving and the working of the different types of borders and handles.

ing, four rod upsetting.

Border: Scallep border, Trac border, three rod plain border, four rod plain border, plaited border.

Handles: Plaited handles, wrapped handle, twisted handle, and wire handle.

The sim of the course is to provide the trainees with basic skill in canework. Even though the syllabus does not cover the making of every product that can be made with rattan, the blind who have finished the course are capable of making other products outside the syllabus. This they can do by feeling the product concerned for the syllabus. This they can do by feeling the product concerned for the type of weaving, border, handles, cane size and overall size and shape type of weaving, border, handles, cane size and overall size and shape to the product. Thus the presence of products which they have not learnt in the training would not hamper the blind caneworkers in any learnt in the training would not hamper the blind caneworkers in making way to make and market them. This skill helps them much in making products which could be sold in market but which are not taught during their training days. This skill is important because of the impossible

task of the training centre to train them to make every product that exists wich the ratten material. As can beneticed from the syllabus, so find that the products aremainly made up of those that require Centre canel such as wastepaper basket, deak tray, and book basket, and less of products requiring Round cane, such as labour round baskets, pungkis etc. However this would not lessen their skill in making other round cane products like plucking basket etc. The basic weave, border and handles which they learn and which they practise on the products in the syllabus, prepare them to make any product with the ratten material. To further equip them, there is an additional course for another year during which selected trainess are made to under-go training in making complicated items like miniature animals such as cat, elephant and monkeys.

To keep up with the trend of the market, changes are made with regard to the products in the syllabus. Thus besides being self-sufficient, the syllabus is also up to date in its content. At the end of the course, the trainees have to sit for an examination. When they have been successful, each will be issued with a certificate of proficiency which is evidence of their training and skill in canework. The training of these blind people presents no greater problem than those found in ordinary schools.

For the trainers, their problem begins when they have finished their training. This is in connection with their ability to use their newly acquired skill in earning their living. As the discussion on the marketing of products of these canoworkers in both the Kinta Valley workshop and among homeworkers is made in the next chapters, we shall also keep in touch with this post-training problem.

like those used in making waste paper basis t.

<sup>2</sup>This is the type which does not undergo any change from its original shape and sise.

#### CHAPTER III

### KINTA VALLEY WORKSHOP

The Kints Valley Workshop was established in 1953 with the objective of providing suitable remunerative sheltered employment for the clind craftmen who are unable to earn their living in open competition. It is an establishment which is functioning as a commercial organisation—it produces and sells products and hopes at least to be self-supporting. Although it has 6 sections consisting of Ratten, Wooden Furniture, Tubular Furniture, Venetian Blind and Chain Links, we are concerned only with the Ratten section. In this section, the caneworkers are drawn from those who have been trained by the Jurney Training Centre. The policy of the Workshop isto provide them with experience in canework. After a certain period of timeduring which they have gained enough experience and confidence in their work, they are then encouraged to find amployment outside. This step of finding employment for them is done by the officials of the workshop. Thus there will be a flow from the Training Centre to the workshop and then to the employment outside.

with this type of scheme, we can find among the cm sworkers a mixture of new and old workers. Theold workers are those who are not able to find employment outside or those who do not like to work outside but preferred the sheltered lifeof the workshop. Someof them have been staying there since the workshop has been established. Consequently, the entry ofnew workers is partly hindered by their presance because the number accepted do ends also on the vacancies available which may be created when these old workers have found employment outside. But, the trouble is that finding employment is difficult and among some of the old workers, there is general feeling of unwillingness to work outside the workshop. Therefore the more the old workers there are, the less will be the possibility of entry of fresh workers from the training centre. This is one problem that could not be solved by way of removing old workers to make way for new ones. The only alternative is to make attempt to increase sale so as to be able to take in more workers.

Entry of new workers bring in its own problem. They are naturally slow in making the ratten products when compared with the experienced workers. For example, in the production of labour round basket, a new worker can complete 2 pieces a day while an experienced one can produce 8 pieces a day. This difference in production is caused by the inexperience and nervousness on the part of the new workers and also by the difference in the production system in the workshop and that in the training centre: the latter is only a training place. It will in the training centre: the latter is only a training place. It will usually take about 8 months for the new workers to adjust to the rate of production of the experienced workers.

This difference in the production has its effect on the wages that the workers received and in turn on the labour cost of production. probation the workers will be paid a basic wage of \$25.00 per month s piece rate as prescribed by the Executive Committee of the MAB. on completion of the probationary period they will be placed on the clary scale of \$25.00 x \$1.35 - 31.00, plus piece rates valued from jets to \$2.20 per piece depending on the product made. In the workshop, corker is given an equal number of croducts to finish in a day and the workers find it difficult to do this. Thus the amount of money that would receive from the piece rate will be reduced so as to ensure they receive a reasonable income from piece rate in addition to the basic pay, the workshop has fixed the income of the day at \$1.20 per erson for these new workers irrespective of the number of pieces that can finish in a day. Thus the payment of siece rate is not made in relation to what they can produce but rather sime at maintaining a reasonble income for them.

In general, this aim governs the payment of the basic salary all other workers as well. If the income of the caneworkers is mendent solely on the piece rate, then these workers would not be able warn much because of the slow sweed in making products or if they are test workers, they are not able to make as many products they want due the restriction placed on the number of products to be completed in a therefore, it is necessary to have a basic salary in addition to place rate, if they were to earn a reasonable income. In complying with while practice, the sheltered workshop has thus to incor cost of production higher then similar establishes ats. Therefore, there is difficulty to operate at a profit or at least, to be able to be self-supporting. This can be seen from the fact that since its establishment, the workwhop has been operating at a loss. The deficit incurred has been paid by the Malayan Association of the Blind. It is likely that the system of salary payment to new and old workers is partly responsible for this type of operation. It is not suggested that this system or new workers chould be removed but other steps has to be taken to at least make the workshop self-supporting.

The workshop must be able to stand on its own feet and at the same time be a source of employment; and not assuming the latter objective while neglecting the former. The only solution is to increase sale. Sale did not vary much in the past years. It ranged from 16,000 to 22,000 in the last 5 years: only in 1961 and 1964 have sales reached the 22,000 mark but in other years sales have remained less than that as can be seen from the table 1. Last year sales have declined to the level 5 years ago. If the workshop has not been able even to be self-comporting within this range of sales, then future sales have to be more than the highest figure in the past years. This is necessary in view of the future well being of the workshop and thereby its ability to comploy more caneworkers. At present, the workshop offers less hope for

<sup>1</sup> Each also receives Compensatory Allowance of \$25.00 per the from Social Welfare Department.

core than sufficient number of workers working here. Therefore, more and more of the caneworkers have to be workers on their own account - that is make and sell products by themselves. If the annual sales of the correspond to the control of the caneworkers and thereby lessen the flow of the caneworkers to cork on their own and as we shall see in the next chapter, the condition these workers really deserves sympathy.

### Table 1

# TOTAL SALES AT KINTA VALLET WORKSHOP\*

TOM.		Sale Value
)080	******	<b>\$16,4</b> 00
	**********	(22,200
1962	******	\$17,700
1963	**********	<b>218,700</b>
1964		<b>\$22,600</b>
1965	************************	\$16,700

<sup>\*</sup>Approximate figures compiled from sales record of Kinta Valley Workshop.

Sale plays a dominant part in the workshop and it is necessary to look into the present marketing of the products in the workshop.

### Types of Products1

The products that are produced in the workshop are oriented to customers' demand as shown in Table 2. In addition to them, it also produces some rattan furniture but this is limited in number. In the same table is also shown the amount of came and time used in the production of some of the items made. The time is those taken by an average worker. From the table, we can find that in the round came section, the products which can be produced most in a day are the labour round basket and the round cane pungkis. The least produced is coal basket. Some of the products are not listed on the table because they are not asually made but only on specific orders. Producing products according to customers' specification present a problem to the caneworkers because of their unfamiliarity and this would slow down their rate of production. Items like bread basket and hamper basket are examples of such products. fith regard to the centre came section the waste paper bask t is the easiest to make. The difference in length of time taken to make varies with each product because of the different amount of reas material used and of the intricate patterns involved. The coal basket, for example,

large in size and further the worker has to be careful in making it that the rope that emerges on the rim of the opening is carefully and nicely inter-wined with the cane from the base. This takes time. It reference to the centre cane products, linen basket of specialing size takes ig days to complete each. This is due to its big size and the greater amount of weaving involved. In cases, like these the worker is rewarded with larger piece rate pay.

The preduction schedule is arranged before any order is considered or after order from oustomers have been received. This depends on the product. Some products which have constant demand throughout the year, are produced in anticipation of orders, such as waste paper backet and labour round backet. But products which are seing ordered once in a while like hamper backet are made only when such orders are received - likewise for those goods which are made according to sustemers' specification like large bread backet and 3' x 5' rattem backet. Products are also made in advance when tender to a customer has been successful, such as tender to PVD Ipoh for the supply of labour round backets.

The production is mostly spread throughout the working days so as to enable the workers to be constantly occupied. Sometimes, when unexpected order for a certain product arrived to be delivered within a week, then the workers have to work over-time and the wages are adjusted accordingly. Raw materials also play a part in the scheduling of production. The raw materials consumed in 1965 are shown in table 3.

PRODUCTION OF RATTAN GOODS 1 - 1965

Products	Raw Material	Production per person per day
Round Cane  22 Labour Round  20" Labour Round  18" Labour Round  Round Cane Pungkis  plit Cane Pungkis  Plucking Basket  Copra Basket	3 Katis 2 " 2 " 1 5/8 " 1 katis 9 i "	4 Pieces 6 " 6 " 6 " 7 " 1 Pieces
Centre Cane  Caste Paper Basket  - Open type  - Close type  Centre Cane  - Close type  Linen Basket - Big cize  - Medium  - Opecial Big	6 Tabils 10 Tabils 8 Tabils 3 Kt 8Th 25 Katis 41 Katis	4 Pieces 3 " 4/5 Piece 1 " 2/3 "

Pefer Appendix for Diagrams

then the ratten arrives according to date specified, then there will not be may trouble in the scheduling of products to be made. But there are scheduling has to be adjusted to sait the amount of rattan that is left the store. In such cases, less work will be done by the workers as this problem can be solved if stock is increased to include reserve for portiod when the fresh supply of rattan fails to arrive in time.

### Victoribetion

In this workshop, there is no one assigned to the post of and amen - the manager assumes such job in addition to management. The sorkshop has no middleman or distributing channel to handle its goods. deals directly with its customers who may be final consumers or to Total anops which will in turn re-sell to their customers. The policy of the workshop is to sell directly to anybody who wishes to purchase is products. Thus we can find an assortment of customers on the workshop list such as the retail shops, departmental stores and government separtments. In disposing of its products to its customers the workshop adds any cost of transportation that it has to pay to deliver the prochets to them through railway service or other form of transport. although it has its own small lorries, these are used mainly to deliver products to customers in Ipoh only. Sometimes the products are micked at the workshop by the customers themselves. These transport charges which are added to the prices of the products may form a limiting factor as to the scope of the market which the workshop can cater. with increase distance, the more will be the transport charges and thus the higher will on the total price that the customer has to pay. Therefore instead of ordering from the workshop, customers from out of Ferak may find it rather cheaper to order it from dealers nearer to their places. However, if the workshop can reduce cost of production sufficiently to absorb part of the transport charge, then there is a chance of increasing the area of its market to include other states as well. As at the moment, customers outside Perak are limited mainly to Kuala Lumpur.

# TABLE 3 RAW MATERIAL - 1965

Type of Cane											Quantity in Katis
Centre Cane	•	•	•	•	•	•	٠	•	•	,	<b>353</b> 5
Cane Skin - No.2	•		•			٠	٠	٠	•	•	121
Split Cane				•							<b>1</b> 550
Rettan Tahan			•	•	٠	•	•	•	•	•	15
Rattan Ayer				•							750

paskets. Apart from this estate, other estates made comparatively small purchase. In this section sale could be increased by way of expanding the number of estates purchasing products from the workshop

Commercial Firms: In this section we find that the customers are more widespread and not centred in Ipon but extent over to Suala compur as well. The main customers are the retailers; they are mainly from Ipoh and their purchases are mostly for waste paper basket, labour round basket and school bag. These are wainly for re-sale and not for on use. Some of these customers are dealers of raw cane with whom the sorkshop purchases its ratten requirement. The return purchase of ready sade items on the part of the retailers are of mutual arrangement and myolves no tenders. Trey are all year round buyers. The big departmental stores like Robinson & Co., Weld Supermarket, and Ally & Co., are and in Kuala Lumpur. Their purchases are seasonal in nature. They order mainly in December and the goods are hamper baskets; which are ande in the workshop only when orders for them are received. In all these cases, the main products ordered are made of centre cane material such as waste paper basket, hamper basket, and unlike the first and second calagory of customers which purchase mainly round cane products like labour round baskets. With these customers, the manager must be vigilant about their purchases in order to maintain the relationship.

Private Organisations: The chief customers here are Terak that Their purchase is comparatively small and comprises mainly of round cano products like refuse basket, labour reand and ratten arm chairs.

and from the above, other customers include schools and members of the public who made frequent visits to the workshop. However, their purchase is only small in amount and does not form a large part of the total sale.

The government departments form the largest perchaser, alth commercial organisations in second place. In Table 5 is listed the major items that are produced and sold in 1965 with their estimated total value. In the round cane section, the labour round basket forms the product with the margest sale with 2688 piaces valued at 3,355.00. Among the three whose of labour round basket, the 22" type is the chief product with the sale of 1816 pieces valued at 22,313.00. In the centre cane section, the best selling product is waste paper basket which assembled to 3,527 sinces valued at \$3,915.00: this accounted for three quarter of the cotal sales in the centre cane section. On the whole, we find that round cane section contributed more sales than centre cane section with 4,596 pieces valued at \$7,234.00 as against 3,162 piaces valued at \$5,032.00 for the centre cane products.

There are two methods with which the workshop obtains orders

- (a) Tender: This consists of sending in tender to people who advertised in the newspapers about their requirement of rattan reducts which the workshop can supply. Some of these customers may not myortise in the newspapers but they have been known to need a yearly manirement of rattan products and so tenders are also sent to these copie. In both of these cases, the workshop like may other firms, sends its bids to supply the products required at vertain prices for the coming year. If its bid is successful, then the workshop will be ingreed that for the coming year, the firm conserned will obtain certain moducts from the workshop only. Later, the workshop will then antimate or forcast the amount which that firm will want for the next resp. and schedule its products to suit it so that whenever the firm wants the products during the year, there is already a stock of such reducts and so can supply instantly or have the least delay in delivery. such customers, are the Pan Ipoh and departments under the mistry of Defence.
- (b) Direct order without Tender: The customers concerned in orders for certain products that they require and then if there is stock in the workshop, delivery is made at once. If not, then there all be a delay of a week or two for the products to be made. This type of order comes mainly from retail rattan dealers in Loch usually said customers have placed an order from them but it is not available to stock and so they (dealers) turn to the workshop for supply. Here, in sectione, these retail shops may give orders throughout the year but at disea orders are made only at certain time of the year, such as those for hamper basket from departmental stores in Kaala Lampur. They are a said made in December: in this case no stock is kept but the pre-

In Table 4 is listed the major costoners that have purchased now the workshop in 1965. They can be covided into 4 major groups.

Government Departments: This form the largest group of bayers total purchase of approximately 12,000 last year. They are worlly be ted in Perak and can be cavided into J.E.A. Ipol, Ipoh Manicipality of Town Councils departments of various towns in Forak. Their total chase amounted to \$8,107 worth of products made up of labour round select, larry basket and waste paper basket. Snistry of defence that about \$3,064 worth of waste paper basket. Other bayers parchased worth valued less that \$700. Improvement in sales could be made if are from all the Town Council departments in Perak could be obtained.

Retates: There are only 5 estates which parchased from the Sahop. All of the preducts are made of round came materials. Some those estates are associated with plenting rubber, set and out palm these estates are associated with plenting rubber, set and out palm these estates are used in connection with these activities. The baskets purchased are used in connection with these activities. The baskets purchased are used in connection with these activities.

TABLE 4

### MAJOR CUSTOMERS OF RESTA VALLEY SORKSHOP 1965

Government Departments	Value	Items
sect. S. Ipoh	\$4839.00	22" Labour Round Backet
Ministry of Defence	\$3064.00	Linen basket Baste paper basket
Igoh Municiple	\$2831.00	Refuse basket
Wejlis Bandaran - T. Anson	\$ 650.00	Refuse basket
Gental Hospital - T. Rambutan	\$ 495.00	Rettan basket
ungkai Local Council	£ 153.00	Refuse basket
Town Council - Ipoh	\$ 84.00	Rattan Basket
Teplanting Office	8 40.00	saste Paper Basket
Walayan Railway	\$ 42.00	Coal Rattan Basket
locial Welfare - Ipoh	\$ 25.50	Vaste Paper Basket
Sivil Aviation - Ipoh	¥ 30.00	Rattan Chairs
Lpoh Secretariat	\$ 22 <b>.</b> 50	Refuse Basket

Betates	Value	Items
Jugra Land & Carry Port Swettenham	£ <b>7</b> 92.00	Plucking Sasket
Gopeng Consolidated  Ipoh	<b>\$2</b> 90 <b>.</b> 0 <b>0</b>	Sabour Round Basket
Slenheim Estate Perak Soynalpy Estate Perak anglop Estate Perak	\$138.00 \$ 73.20 \$ 20.00	Copra Basket Sorap Basket

TABLE 4

### MAJOR CUSTOMERS OF KINTA VALLEY SCRESHOP 1965

Value	Itans
\$869.00	Ruste Paper Basket
	Cohool Bags
3560.00	Namper Basket
<b>\$</b> 540.≎0	Labour Round Basket
\$370.00	Refuse Basket
	Labour Round Basket
\$242.00	Waste Paper Basket
	Linen Basket
\$240.00	Mine Centre Cane
\$240.00	Sun <b>gki</b> s
	Labour round basket
\$150.00	Bamper Basket
\$ 73.00	Namper Basket
\$ 65.00	Bread Basket
\$ 24,00	Waste Paper Basket
	\$869.00 \$560.00 \$540.00 \$370.00 \$242.00 \$240.00 \$150.00 \$ 73.00 \$ 65.00

Forak Turf Club  \$454.00 Refuse Basket Labour Round Fungkis  Ipoh Swimming Club  \$320.00 Battan Arm Chairs  \$454.00 Bamper Basket	rivate Organisation	Value	Items
Ipoh Swimming Club	erak Burf Club	\$454.00	Labour Round
Malayan Association Cf Slind	Ipoh Swimming Club Malayan Association Of Blind	\$320.00 \$ 34.00	

Source: Compiled from sales record of Kinta Valley Workshop.

TABLE 5

Items	Number in Sieces	Value
ound Cane	e en establismo e en establismo interiorismo del del del segui, se e estapo e establismo que de establismo que	aaring kay haan nagkuusina kindhaa arkind na diind endiddaadii eedid
2" Labour Round	1816	<b>े?313.</b> 90
inoking Basket	720	<b>? 792.</b> 00
"" Labour Bound	562	₹ <b>763.</b> 00
le" Labour Round	310	<b>\$ 279.00</b>
egase Basket	321	<b>\$1428.</b> 00
rain Basket	100	§ 50 <b>0.</b> 00
ound Cane Pungkis	600	§ 605 <b>.</b> 00
Sound Cane Pungkis Big	92	\$ 257.00
opra Baaket	24	\$ 138.00
3' x 5' Basket	20	§ 330.00
bread Basks t	15	§ 65.00
Josl Basket	13	§ 42.00
Centre Came		
aate Paper Basket	706	£ 979.00
-Close Type	796	\$2936.00
-Open Type	2731	768.00
Bamper Basket	446	\$ 2 <b>71.00</b>
Binen Basket	123	\$ 75.00
Flower Basket	50	* 17.00

Source: Compiled from sale record of Kinta Valley Workshop.

FABLE 6
SALES OF MAJOR ITEMS IN 1963

Itens	Wumber in Pieces	Value
und Cane		
0" Labour Round	1446	\$1554.00
2" Labour Round	2512	\$3266,00
5" Labour Round	190	3 161.00
ound Cane Pungkis	960	1083.00
plit Cane Pungkis	390	3 244.00
efuse Basket	720	\$28 <b>37.</b>
lucking Basket	240	å 864.0 <b>0</b>
eal Busket	3≎	\$ 105.00
urap Basket	83	\$ 531.00
pra Basket	60	§ 264.⊖C
getable Basket	100	\$ 350.00
ittan Ba <b>sket</b>	40	\$ 220.00
ntre Cane		
ate paper basket		
-close type	<b>14</b> G	9 <b>2</b> 09.00
-open type	166	\$ 166.00
inen Baskot	104	\$ 894.00
ook Basket	190	9 240.00
urni ture	140	£ 490.00
attan Chairs	6	± 120.00
ane Chair with Steel		<b>₽ ₽ №</b> *** <b>*</b> ***

cource: Compiled from sales record of Kinta Valley Workshop.

the chief money earners being labour round basket, round cane pungkis, refuse basket, plucking and waste paper basket and lastly hamper basket.

In Table 6 is shown the sales figure for the year 1963. Comerison about sales could be made between 1965 and two years back in 3963. The striking thing is that heavy reliance is placed on sales of mose products made by round cane materials in 1963, but as years passed in 1965, the sales from both centre cane and round cane products are contrasting in number and value. It would be better if this takes the without any decrease in sale in round cane section to compensate The increase in the centre cane products. But as seen, products of sound cane have decreased much in 1965 when compared with 1963 figure. the increase in centre cane products in 1965 is not enough to compensate the decrease in the round cane products to make the total sale in that year even equal to 1963 figure: 1963 sales amounts to \$18,800.00 make in 1965 it amounted only to \$16,700.00. The figure for 1965 has poen on the same level for the 1960. Therefore we find that the sale of the products in the workshop has not made much progress and this could he a handicap to both the workshop and the caneworkers. To achieve it abjective of providing employment to the caneworkers, sale has to serease sufficiently so as to be able to offer them work, and also for own maintainance. But at present, the number of workers has already reached a point where sale that was made last year is not enough to keep them fully employed. Therefore if the trend of the sale in the workshop continues not to increase sufficiently, then the workshop would not be to offer any more employment for the caneworkers. As at present, west of the caneworkers who finish training at the Gurney Training leating have to find their own livelihood by being workers on their own.

To improve the situation, the workshop should expand sales to the present customers and to new customers. Government departments in all towns of Perak should be encouraged to purchase their requirements from the workshop. The products of the workshop which are comparable to miners in quality and prices could be distributed throughout Perak or at least in the nearby towns among the retail shops dealing in grocery and motitan products to increase sales. Sales to estates have been disointing at least with regard to the number of estates that the workshop Mealt with. In 1965, only 5 estates purchased their requirements from the workshop. In this section active salesman should be employed. At present the manager also holds the post of a salesman. There should be malesman to keep track of the market such as the retailers and estates. an manager could perform the salesman work also in addition to his could be limited to higher level of sales like submitting tenders. Product scheduling should smoothly. Delay in arrival of rattan should not be allowed to slow ioun production. This, as mentioned earlier, could be avoided by incressing each purchase of rattan to include also reserve for period during delayed arrival of fresh supply.

Thus the major step in maintaining the workshop as a source of employment for the caneworkers and a benefit not a burden to the slayan Association of the Blind is to increase sales and there is much scope in this.

#### CHAPTER IV

#### I - HOMERERES

As we have noticed in the last chapter, the chances of finding employment in the Kinta Valley workshop are less than beforemainly
massage the number of workers working in the cane section is already more
already that the sale could support. Thus the scope of the workshop being
source of employment for the blind caneworkers is slim at present.
These caneworkers could not find employment in the sheltered workshop,
it is no better to find it in open competition with the sighted workers
with the workshop. This is worse than trying to find employment in
the workshop because the newly trained workers are lacking both in
marience and skill. Even when the workshop tries to find employment
its experienced workers, it faces difficulty and has not been
massaful in many cases. When the caneworkers themselves try to do that,
just can not hope for any better result. Thus most of the blind who
heen trained have no where to turn to but to be workers on their
account, that is to make and sell products by themselves.

From the beginning of the formation of the Gurney Training leastre, there are a large number of them who have not gone to work in workshop in Kinta either for the above reason or for the reason they wish to be on their own. Around Kuala Lumpur we can find et 30 homeworkers - some of whom live in Sungai way New Village and " Kramat Village. Some of them prefer to group among their fellow blind. Quite a number of them have come from outside Buala Lumpur from cohere, Kedah, and Trengganu. After receiving their training in the training Centre they went back to their home towns. But then, they found that the market for rattan products is small and sale is not good. So they come and settle in Ruala Lumpur, because here, seconding to them, the market is bigger and further, raw materials be obtained at cheaper price than in their home towns. This trend of staying back in Kuala Lumour has not been much in the early period die establishment of the training centre but lately, there has been as ancreasing number of these trainees who have completed their training the tho choose to stay here directly without ever returning to their home Thus, this tendency has increased the number of the homeworkers here and hence what ever problems that these homeworkers might have.

These homeworkers earn their living by making rattan products and sell them around Kuala Lumpur and Fetaling Jaya. They differ from the cane workers in the Kinta Valley Workshop in the sense that they are themselves the workers and the sellers and dependent mainly on the macrose from this sale for their livelihood. The Kinta Valley workers

meir earning comes in the form of daily or monthly wages. The central reblem which these homeworkers are is facing is the difficulty of finding exempts for their products. Here we shall examine the effect which difficulty has on various aspects of their marketing of the rattan effects.

### - Gierial

The homeworkers purchase their raw material requirement from there in Sungai Besi in Sucla Remour. The raw materials are obtained to ways:-

- a) A homeworker goes to a rettan shop which deals in rattan and places an order there. This shop in term orders from a whole-dur and after a week the homeworker comes and collects it from the
- b) A certain number of homeworkers living in a same area is together their requirement for a period and order in large amount supplier. In this case, since the order is in large quantity, the liber delivers the raw material to the place by a van instead of the liber taking the material bone by themselves.

The advantages of the second method are obvious. With the modese of large quantity of material, price will be reduced. Further homeworkers do not have to incur the difficulty and cost of bring-the material from the shop to their houses. This is because the elecaler is now willing to deliver the material with his own van since amount is large. When they group together, these homeworkers form become bargaining power than when they purchase separately. There-this type of purchasing of raw material should be practised. But the situation is now, most of them buy their raw material requirement rately. One of the reasons is that there are cases where the home-their requirement.

The smount that they buy each time varies. It depends mostly the sale of recently finished products. If sale is good and there is more stock, then the order for rattan will be maximum. If the sale slacking, then the stock of finished products will pile up and so absount of products to be made in the coming period would be less likewise the requirement of the rattan. Availability of special likewise the requirement of the rattan. Availability of special moors also influences purchase of raw materials. There are certain less which are made only when ordered by the sustances like lines cased. When there is special order then the material requirement will be then usual and so more would be purchased, on the whole, judging the small amount of products that have been sold, the monthly supplied that the small amount of products that have been sold, the monthly supplied purchased during a month is available as no record of any material purchased during a month is available as no record of any is kept. The main thing here is that the homeworkers can be

plan advantage of large purchase as existed in the Kinta Valley exchop as their requirement is comparatively small. Thus where cost now material is concerned, larger producers like the workshop stand again. The benefit that is obtained by pooling the requirement of the matter of homeworkers among themselves would not help the matter than is worse when there are also individual purchasers. Thus of the disadvantages that these homeworkers have to face is the integrality of reducing cost of raw material as much as that of a large producer. This is due to their very nature of being separate small reducers and not a combined one.

The types of ratten purchased depend on the products made. The chief item is centre cane of sizes 10, 12, 14, 16. This is because of the products made by the howeverkers are of centre cane variety, least paper basket, desk tray. Sometimes coloured centre cane is parchased. This type is used in making waste paper basket, desk. In these products, it is used only as a decerative item to enhance attractiveness of the weaving. Small amount of round cane is bought not many products like labour round basket, which are of round cane is made by them. The only round cane bought is of small type in making the handle of market baskets.

The payment for these raw materials are made in cash, which is obtained from the sale of rattan products. At present, there is no obtained ty in paying for these raw materials as the requirement is small ascent. But there is bound to be difficulty in the initial stage if wenture to make larger ascent of products requiring more and bigger ascence of case. This is one aspect of raw material requirement that use to be considered if any step is taken to increase the ascent of the of their products. At present, by themselves they are incapable asceviding financial support necessary for purchasing large amount of material. This is because the money used for the purchase of raw sections derived from sale of products. This is not enough for ascence which are bigger than they are castemarily used to. Thus in the battal steps, financial support of some kinds have to be made to make possible for them to produce in large amount.

In addition, to the raw meterial in the form of each, these converteers also need basic tools such as seissor, knife, harmer and then then items which are necessary for meaning the ratten and terming them into various products. These equipments were given free to each of the various products. These equipments were given free to each of the various products. Improvement has to be made only with regard to with meterial.

### Teachicte!

These homeworkers make only products which use centre came woomse these are the items which they are able to sell to their present atomers. These items are:-

For to Appendix for diagrams.

- a) Waste paper basket
- b) School bag
- c) Cask tray
- d) Merket basket
- e) Linen basket
- f) Rattum ball

Inis is in share contrast with the products made in Kinta Entropy Jorkshop which comprise a plder range of custre case products we good tion to round came products. This is the no the influence of as sarket. These homoworkers are capable of saking other products mentioned above of both centre and round came materials if the martor them can be found. But at the moment the range of products the can be sold in the present condition is limited in number. Even The products mentioned above, there are products which they make on matimes, that is when there is an order from a castomer for that It is not so much that there is no demand from customers but with the maximum that the homeworkers have managed to contact, the amount e products that they can cell is limited both in variety and quantity. This is the main result of the lack of means find parket for their reducts. With expansion in range of eastowers, then the range of prorose could be increased. But as the situation now stands, the market or correst. The homoworkers have not the capability of finding it and so the arount and types of products that can be sold are consequently - stricted.

The chief item that these horomorkers make is whate paper which. This is the product which can be sold easily in the present product because of its good demand. The limited market that they enter horsely this product most in comparison with other products. Out of the cases of homeworkers examined, about 11 of them make this product warry month producing 358 pieces. The average production for person or month is approximately 24 pieces. This is a sign figure then compared with other products listed in Table 7. For other products, less have walf of homeworkers concerned produce them, and the average monthly mandation is less than 60 pieces with the enception of rather bail:

In the case of linen basket only 2 of caneworkers take it work worth producing only an average of 3 pieces monthly. This is nother in made only when there is an order from a customer. This is expensive item to make and requires more centre cane than other areducts to complete each. So the homeworkers do not want to spend large account of material and every working hours on product which they feel asks customer's demand. Even when there is a costomer's order for it, a homeworker rans a risk of the order being cancelled in the last a conceptant when the product has already been completed. Thus loss will be accounted by him as this product is difficult to sell.

Products which can be accessidered as the next best to the water paper basket in production, are school bag and market basket.

## AVEAUGE PRODUCTION AND PARTICIPATION BY HOMEWORKERS

Howevorkers - Honthly	Production
11	268 Fiscas
5	58 #
2	16 "
3	22 "
2.	3 "
1	<b>1</b> 00 "
	5 2 3 2

This is compiled from forms substitued by the blind workers to the Department of Social Selfare Selengor as required by the Department when any Compensatory Allowance is to be given to them. Forms in the first 3 months of 1966 are taken.

The is the average number of scrkers producing a product mentily in the past three mentile. The total number of honeworkers taken into conscretion is 14 - as this is the number who had submitted to the social selfare Department records of their mentally production. The cotal number is regarded as sufficient to be representative of the crocketion of the homeworkers in Masla Lampur as the number of all appears were numbers approximately 30.

market basket producing about 58 and 22 pieces respectively every month. Thus the chief 3 products which are made most by the home-corkers are the waste paper basket, school bag and market basket. If comparison is to be made with the items being sold at Kinta Valley conkshop, we find that there is similarity as to the best product in the centre came section. In the workshop and among the homeworkers, the waste paper basket forms the main product in sales. Here the chailarity stops. The homeworkers are dwarfted by the wide range of products that the workshop produces and the quantities as to the should be directly sold. However, comparison such as this is unfair considering the directly managers, and sellers and with their blindness, there has nothing much which they can do to reach even 1/5 of the production of the workshop.

Mach homeworker produces an assortment of goods every Each would have a standard item which he makes monthly. this type of product he would add one or two other types of different products like school bag and market basket. Thus each time he goes nut to sell his products, he would carry a combination of two or three siffe ent types of products. It can be a combination of waste paper systet plus market basket or other combination prefered. conkers would make two or even four combination of different products. it time we can find that only one type of product is made. combination of different type of products among homeworkers differs. scually the standard product is waste paper basket, and the most sommon combination is 2-type combination. The combination of different types depends on the judgement of individual homeworker. This may be confluenced by the prespect of sale. Personal preference due to feelles of boredom in making same product every day also plays a part. Sertain product is added to a combination when there is a specific order from a quatemer. On the whole the range of products that the homeworkers prefer to combine is limited to the types listed in the table 7. Other types of products are not considered for lack of wility to well inview of the limited market that they can manage to Lind.

The aim of producing a variety of products is to be able sell as many as pessible. To restrict production to only one type sould run the risk of not being able to sell anything at all as the lease leaseworker has only one type of product to offer. This is the case leaseworker has only one type of product to offer. This is the case leave of the producer's inability to pin-point customers' preferences. In view of the producer's inability to pin-point customers' preferences. In there are orders before hand or an ability to sell to retailers. If there are orders before hand or an ability to sell to retailers. It shown in the table 7, one homeworker produces 100 pieces of rattants shown in the table 7, one homeworker produces 100 pieces of rattants. This product is disposed at a retail shop. But the trouble had that not always there will be orders from customers or willingness of the retailers to purchase from the homeworkers. Therefore products of the retailers to purchase from the homeworkers. Therefore products are mainly produced in combination of two or three types. Although the production of one type of product has the advantage of speed and the production of one type of product has the advantage of speed and uniformity of raw material requirement which can lower cost, this

is not usually practised. This is due to the fact that large sumbers of homeworkers depand on the public for their sale - the larger combination of products would increase their chances of selling them. So the usual practice is to produce 2 or 3 types of arcducts.

### istribution

These homeworkers find the market by themselves. Rusla mapur and Petaling Jaya are the usual places where they depend for the sale of their products. Their main outtomers can be divided into parts that is, the retailers and other buyers which include severement offices, companies, schools, and other members of the mailie staying in houses. Some of them prefer to sell their finished products to retailers because they need not have to travel far or majour the trouble of finding customers. The retailers have fixed prices for each type of product that they usually purchase. These prices are lower than those which the retailers re-sell — this is to allow them a certain margin of profit. In some cases, it is the sent. The quality of these products are comparable to those made by the sighted caneworkers in majority of cases.

A number of them prefer to sell their products to the general public. This is because at times, the retailers would not like to take in any more of the products because of sufficient stock, or because by selling straight to the general public, these homeworkers can obtain higher prices. The first reason is generally true but as to obtaining better prices in most cases remains to be seen. or different types of products that they quated are comparable to those quoted by the retailer shops dealing with rattan products. consumer, there are some differences among the homeworkers as to these prices. Come have offered a slightly higher prices in view of the expense and the trouble that they have incurred in bringing the profactor to the customers by themselves. Lome have offered lower prices than those available in the shops, as a mean to encourage purchase . latever prices they offer, they really have no control over them and the prices vary with each customer. The prices are in the customers' hands. For example, the price for the waste paper basket is \$1.60 each - but the price that they obtain from general public is in most cases, usually less than this. Rith varying prices, their profit margin tends to vary and generally, towards the lesser amount since rices are not as high as those sold in the rattan shops. This is aggravated by the fact that their volume of sale is not large. In most omses, the customers prefer to have a discount and in this came price has to be lowered if the homeworkers wish to dispose of their roducts. After having travelled quite a distance to reach these dustomers, the homeworkers are inclined to give in to these discount prices rather than incur the trouble and expense of carrying these products back home without any income. Their main policy is that wa long as there is an ability to make a profit of 20g or 30g, they will accept the price. Such lack of control on prices of their own prolucts denotes the weak position of these homeworkers in their

cointion with their present market.

On the average, these homeworkers are able to sell monthly about \$55.00 - \$60.00 worth of rattan products. This figure is the lighest. It is only sometimes that they receive such amount. In these of months where sale is low, then sale will range only between \$10.00 - \$45.00 monthly. With such small amount of income, the mandard of living of these homeworkers is low. Depending on some of them receive Compensatory Allowance from social selfare Department valued at \$25.00 monthly, but this together which not reach near the income of the caneworkers of the Kinta silvy workshop. Thus these homeworkers is in no better position in such the amount of income received and the regularity of such income.

The main difficulty that these people experience and the not of their present condition is the difficulty of finding oustomers. This problem is faced by all of them, and most, by those who travel and sell their products by themselves. This travelling takes much of hair time. In a month they usually go out 4 times; the rest of the benth is used in producing their products. From morning till evening would cover various roads and residential areas in Kuala humpur and Petaling Jaya. The initial journey from their houses is made by and or bus; former way is preferred if the homeworker carries large assunt of products since their bulky size prevents him from boarding the ounes. On reaching certain destination, he will then do the evavelling on foot. Places are found by asking: no specific area is ted and the usual questions involved the whereabout of any office, government department, residential area, or factory. These are their sustemers. Although their customers, as mentioned consist of different cations of market, these homeworkers do not have the knowledge of approaching them. At these places, reception varies. Cometimes, it a favourable and they are able to sell their products. At time, however, in offices they are regarded as nuisance: and with regard to addries they are not allowed to enter the premises without any speciential that they are from Malayan Association of the Blind. Bore o find that although in these places there exist good market for the products, not such sale is made since the approach taken by the home-Torkers in getting sales is a wrong one, at time, just to get rid of them or for a sympathetic feeling, people in offices or commercial establishments would purchase 2 or 3 pieces for their own home use. His way there will not be much sale. In places like these, purchase or the establishment is an official business and involves approval bead of department as this forms part of office expenditure. is any sale were to be made in places like these, it has to be done through a different approach rather than by the method presently employed by the homeworkers. Therefore, in addition to the lack of warket, there is also lack of understanding as to the method to be used to obtain sale from the market which they are now in contact vith.

The difficulty of finding customers is due mainly to the fact that they are blind. This is worse for those who have goat arrived in Kuala Lumpur from outside states and who are not familiar with the roads and places here. For those who have just then here, there is great limitation as to the number of places that they would be able to visit. In some cases, it is fortunate that there are some fellow homeworkers who are willing to sell for that new comers. Furthermore, in Eugla Lumpur and Fetaling Tays, have to compete with the sighted caneworkers such as retailers and individuals. These sighted people are in a better position to the darket.

If only this difficulty of finding market can be a lived, then the condition of the homeworkers can be improved.

## II - RETABLISHMENT OF SALES ORGANISATION

As we have seen in the past pages, the present condition of the someworkers is due to the difficulty of finding market for the rattan products that they projuced. Scitlement Grants valued from \$60.00 - \$130.00 which are given to them when they left the Gurney Training Centre are of not much help because this money will be used up within a short time, and then the next source of finance vill be from the sale of their rattan products. Thus the real help would be in helping the blind to obtain larger amount of income from this source. This can be done by solving the problem of finding market for their products. Recognising this, the Malayan Association of the Blind has proposed to set up a sales organisation in Kuala This organisation has the main objective of finding market for the homeworkers. The proposed organization will work this way. It will try to obtain orders and distribute these orders among the homeworkers equally. It will also supply the raw material required to produce the products to fulfil the orders. After collecting the products, it will pay the homeworkers on the spot minus the cost of material, transport or any other cost which the organisation deems These products will then be delivered to those oustomers madessary. Tho have ordered them. Thus with the establishment of a sale organisation, the homeworkers will not have to bear the problem of finding market for their product and of financing the raw material requirement. They will become producers only and will be doing their share of production in their own homes.

while the benefit to the homeworkers of the establishment of such workshop is indeed beyond doubt, we have to have some idea as to the extent of the available market which this proposed sale organisation will cater. Besides being a benefit to the homeworkers, this organisation should also be likewise to the Malayan Association of the Blind and not a burden. A market research towards the finding out of the available total market would be an accurate way of gauging the market and the size of their purchase. Here, as an alternative to survey, I have proposed to merely indicate where the market for rattan products lies without going to the extent of finding out the actual size of this market.

The establishment of this sale organisation would try to serve the market which would not be of much difference from the Einta Valley Norkshop. The market which the workshop has already been dealing with can serve as a guide or indication as to the availability of the market here in Selangor or in neighbouring states. In other word, are the types of market that the workshop serves present here? To answer this question, it is necessary at first to know what are the types of market that are being served by

the workshop. With reference to the Table 4 it is noticed that the sarket can be divided into 4 sections:-

- a) Government Papartments
- b) Commercial departments
- o) Satates
- d) Private Organisations

From the discussion on the 4 sections of the market, it is found that in the Government Departments, the purchasers consist mainly of J.K.R. Ipoh, Ipoh Municipality and also Departments under the Ministry of Defence, and also Mental Mospital in Perak. With regard to commercial departments, the sustaments consist of retailers in rattan wares, departmental stores and supermarket. The estatusive made up of those engaged in rubber, tea and cil palm plantation. Private organisations consist mainly of local organisations like Ipoh wimming Club and Perak Turf Club.

Having known the various sections of the market, the next step is to find out whether the same thing exists here in clangor - which the proposed sale organisation is going to serve mainly.

Government Departments: As mentioned earlier, two of the Kinta Valley Workshop's major customers are the Ipoh Municipality and J.K.R. Ipoh. Their requirement being refuse and labour round baskets, which are being used in carrying rubbish etc. Here in blangor, such baskets are still used by the Municipal workers and H.E.S. workers in such sig towns as Kuala Lumpur and Klang. if we are to consider only Kuala humpur, the requirement would definitely be larger than that of Ipoh which is the object buyer from the workshop. In addition to this, there are other towns in this state to augment the size of the market. Ministry of Pefence made a large purchase of waste paper basket from the workshop; this is for the supply of the arm forces. There are other items resides the waste paper basket which are required by the departments under this Ministry like linen basket. Even if other departments of the government service do not use large number of round cane items, there is definite use for office materials like desk tray and waste paper basket. Tais can be extended also to other offices outside government service. Rospitals can be another source of market for centre cane product like linen basket. Thus the departments under the government service can be one of the best market for rattan products.

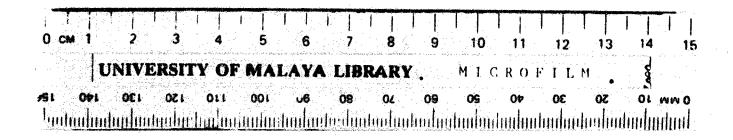
Commercial Organisation: In the discussion about the workshop, we have noticed that retail dealers in rattan products buy large amount of products for resale to their customers. Here in Eugla Lumpur there are rattan dealers which although being a source of competition can also be a very good market for the products of the proposed sale organisation. These retail dealers have their own

customers from which the sale organisation can benefit by being a supplier to these retailers for resale to these oustomers. Any requirement which the retailers need can be drawn from the organisation. This helps a great deal in distribution and reaching oustomers which the workshop might not have known. There are large commercial departmental stores like Weld Supermarket, Mock Lee & Co. and others sealing in both grocery and textile. Some of them purchase hamper basket from the workshop during the month of lecember for the Christmas. Besides the Christmas they also pater for other festive sessons such as Chinese New Year. Thus there are also requirement for baskets like cake basket. Sometimes these stores have off-seacon attraction like having 'Special Offer' which requires certain rattan reducts to fill in the products offered by them. Big commercial organisations certainly need office products like waste paper baskets and feek trays. Although with regard to these two products, competition from metal deak trays and plantic waste paper basket exists, there is still preference for the rattan waste paper pasket.

Estates: In this field, not all estates require extensive use of ruttan products. Rubber estates are among this catagory. Out of 3 estates visited with wises ranges from 1300 - 8000 acres, not even one has much use of rattan products. The only products used are refuse basket - this is used when weighing rubber sheets and scrap rusber and the requirement for each estate would not amount to more than 2 dozen pieces a year; pungkis are also used in some estates which have to deal with road mepair out since road repair does not bake place always, the requirement for this product is also low. leguirement in oil palm estates have been indicated by the Moofin 00. Ltd. which have an annual purchase of 19,000.00 worth of round cane products of various types including labour round basket, pungkis and refuse basket of different sizes. Rowever, it must be reminded that not all oil-palm estates have similar requirement sukit Raja Gil Palm Estate near Klang have had no use at all of rattan products. Bith regard to tea plantation, the need is chiefly on plucking baskets which are used in carrying tea leaves. Thus we find that requirement in some topes of estates is low and in some types is high. Shat is plain to us is that in this state and in neighbouring estates, there are many extensive estates of types mentioned. Even though their requirement may be centred to two or 3 types of products, the overall size of this requirement is definitely going to be large, for all the estates added.

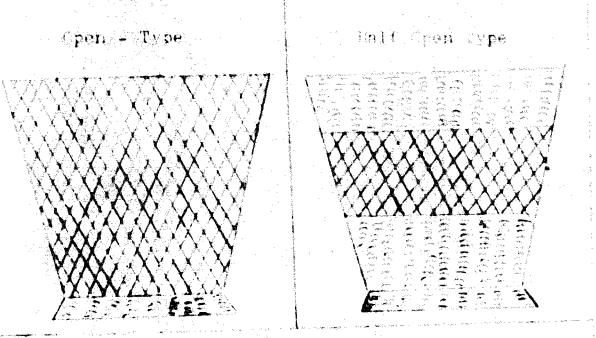
The market for rattan is not limited to those discussed above only. Private organisations or clubs dealing with recreational activities are present in Selangor. Items like school bags are still used by school children; in face of competition from other types of bags made from other materials. Market baskets have ready market among house wives and small decorative items like miniature elephant, monkey and cat made of rattan can be of attraction to tourists for souvenirs.

Thus we find that the market that existed for the workshop in Kinta Valley can also be found here in Selangor. Therefore,
the proposed sale organisation can really look forward to serve
this market both for the benefit of the homeworkers and the Malayan
Association of the Blind.

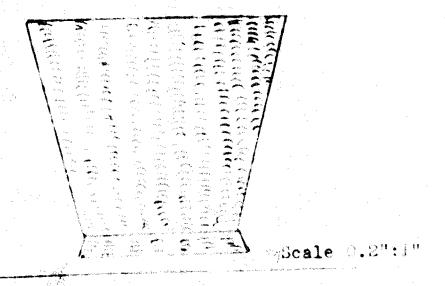


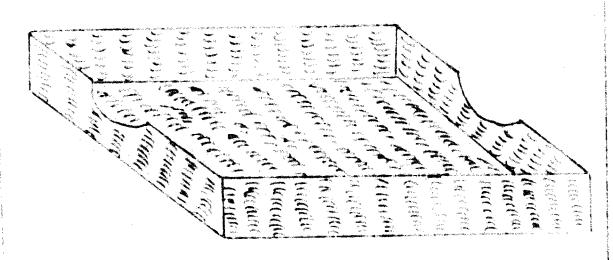
# Diagram I

# Waste Paper Basket

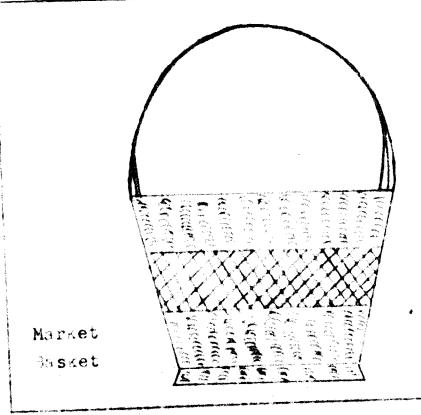


Close Type

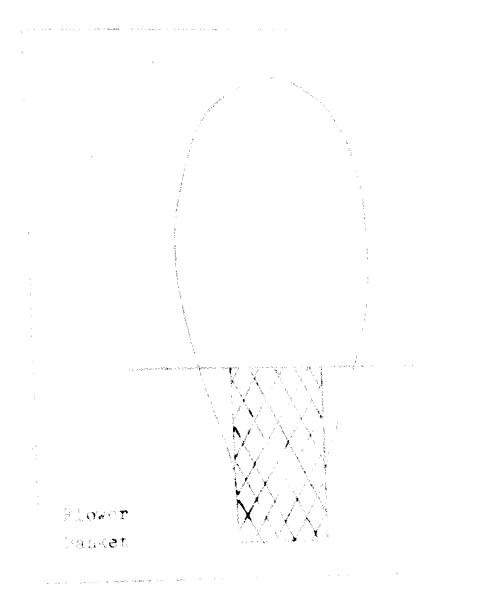




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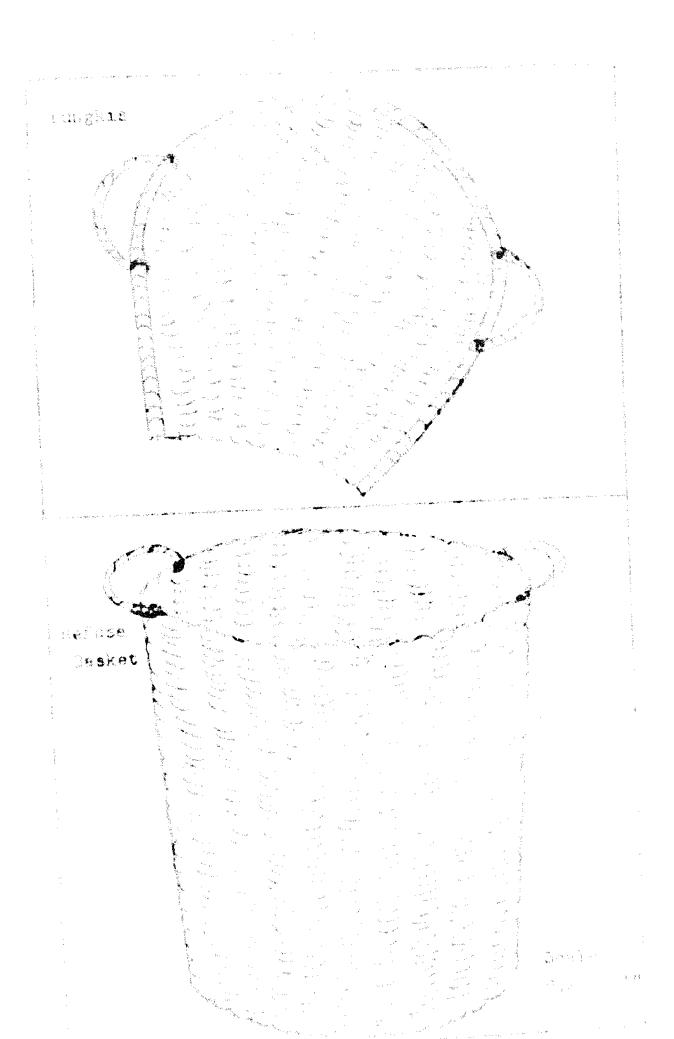


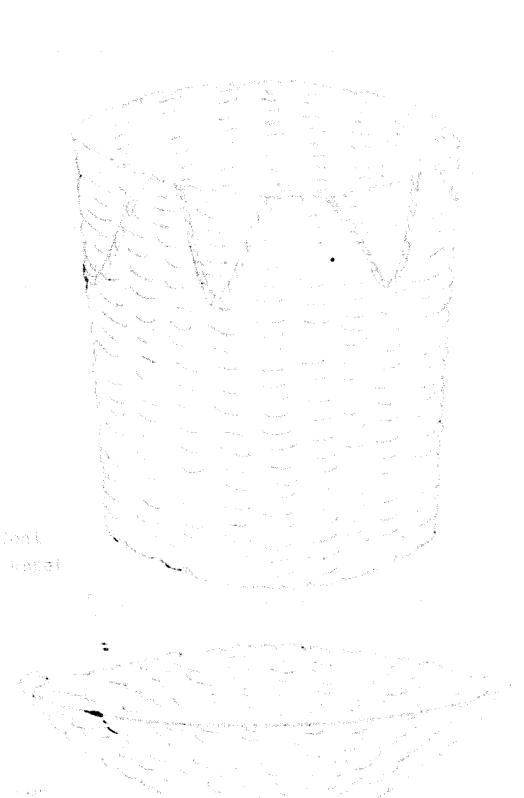
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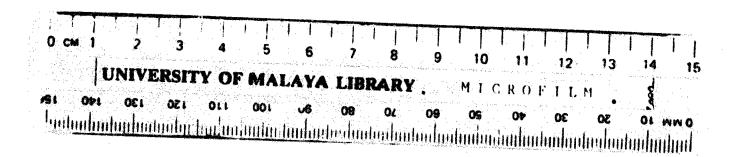
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### REFERENCES

- 1. Ourney Training Centre for the Blind Annual Report '65
- 2. 'Assessment, Training and Placement of the Blind'
  By Mr. Fred Wong.
- 3. Gurney Training Centre for the Blind Canework Syllabus
- 4. 'A Brief Ristory of the Curney Training Centre'

  By Frincipal CTC
- 5. Report of the Council and Accounts '63, and '64.
- 6. Kinta Valley Workshop sales receipts and sales record.
- 7. Gurney Fraining Centre sales record.
- 3. Social Welfare Department Selangor Compensatory Allowance forms.
- 9. Kinta Valley Workshop! Rules & Regulations

By Malayan Association of the Blind.





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