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ADMINISTRATION OF THE FINAL TEST

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### Administration of the Final Test

It is seen from the previous chapter that in the final analysis, 148 items are selected on the basis of item validity, internal consistency indices and item difficulty indices. All the above 148 items are distributed among the seven sub-tests as per the table given on the page No. 81 of the previous chapter.

### The Final Test

The whole battery consisting of the seven sub-tests is got cyclostyled and a number of diagrams included are drawn carefully and neatly and is prepared in the form of a booklet as per Appendix IV on Page No. 288.

On the front-cover page of the test booklet, general instructions are given to the testees with regard to the answering of the test items. The testees are given separate answer sheets which are got printed, to enable them to record their answers and they are given specific instructions not to write anything in the test booklet. The advantage in doing so is that the same test booklet could be used again and again. For the administration of the final test, 400 test booklets are prepared and 2,400 answer sheets are got printed. Final test form in Telugu is given in Appendix V on Page No 322.

### The Answer Sheet

The answer sheet is a printed one. On the top of the answer sheet the pupils are required to supply the necessary particulars (name, school, age etc.) before they start answering the items in the test. A table is shown on the second page of the answer sheet giving details of the scores obtained in each of the sub-test along with the total score obtained in the test battery.

### Methods of Sampling

Various techniques have been devised for obtaining a sample which will be representative of its population. Unbiased sample is the most adequate one. The adequacy of a sample will depend upon our knowledge of the population as well as upon the method used in drawing the sample.

The criterion for randomness in a sample is met only when (a) every individual in the population has the same chance of being chosen for the sample and (b) when the selection of one individual in no way influences the choice of another.

The criteria of a good sample are -

1. It should be as representative of the total population as possible.
2. It should be as large as possible.

If we are compelled by the force of circumstances to select between the above two, our choice must fall on the first one without any hesitation.

### Get up of the Final Test

With regard to the get up of the final test the following points are borne in mind, as in the pilot test.

1. Legibility and organisation of matter.
2. Convenience in scoring the test and attractiveness.

This implies the arrangement of spacing and other things.

3. Convenience in taking the test refers to the timings of the test.

### Steps in the final administration

In the administration of the final test three significant factors stand out quite prominently. They are :

1. Chalking out the programme
2. Representative sampling: It refers to the random selection of students for administering the final test. All possible categories of students are to be included in the sample.

### The Procedure of administration

This entails the following points :

- (a) Establishment of rapport between the tester and the testees.
- (b) Suitable conditions of testing.
- (c) Incentive to be given to pupils.
- (d) Clear cut instructions and demonstration.
- (e) Proper supervision.

Keeping the above points in view, a programme of the final testing is chalked out. For reasons discussed in the previous chapter, the testing is done in all the schools by the investigator himself.

Schools selected for administration

The names of the schools and the number of pupils who have taken the test are given below.

<u>City Schools</u> (Hyderabad)		
<u>Sr.No.</u>	<u>Name of the School</u>	<u>No.of Pupils</u>
1.	Government Nampally High School(Boys)	60
2.	Government Higher Secondary School Ghoshamahal (Boys)	56
3.	Sree Venkateswara Education Society High School. (Boys)	40
4.	Government Sulthan Bazaar High School. (Boys)	46
5.	Government Chaderghat High School (Boys)	40
6.	Government Sulthan Bazaar High School. (Girls)	51
7.	Bhagyam Memorial High School (Girls)	58
8.	Manoreamjitham High School (Girls)	38
9.	Government High School, Esamiah Bazaar (Boys)	61
10.	Government High School, Azampura (Boys)	46
<u>Secunderabad</u>		
11.	Government High School, Kalasiguda (Boys)	53
12.	St.Thomas S.P.G.High School (Boys)	44

<u>Sr.No.</u>	<u>Name of the School</u>	<u>No.of Pupils</u>
13.	Government High School, Market (Boys)	31
<u>Urban Schools</u>		
14.	Government New High School, Kothur Hanumakonda, Warangal (Boys)	61
15.	Government High School Markazi Hanumakonda, Warangal (Boys)	38
16.	A.V.V. Multipurpose High School, Warangal. (Boys)	45
17.	Mahbubia High School, Warangal (Boys)	52
18.	Government M.P. High School, Hanumakonda, Warangal. (Boys)	65
19.	Thousand Pillar Temple High School, Hanumakonda, Warangal. (Boys)	43
20.	Government High School, Basithnagar, Warangal. (Boys)	46
21.	Government High School, Subedari, Warangal. (Boys)	34
22.	St. Gabriel High School, Kazipet. (Boys)	53
23.	Fathima High School, Kazipet. (Girls)	61
24.	Government Higher Secondary School, Hanumakonda, Warangal. (Girls)	56
25.	Government High School, Lashkarbazaar, Warangal. (Girls)	56
26.	Government High School, Lashkarbazaar, Warangal. (Boys)	62
27.	L.M.P. High School, Guntur. (Boys)	64
28.	B.H.H. Multipurpose High School, Guntur. (Girls)	53
29.	Government Multipurpose High School, Khammam (Boys)	64
30.	Andhra High School, Khammam (Girls)	64

<u>Sr.No.</u>	<u>Name of the School</u>	<u>No.of Pupils</u>
31.	Government High School,Masoom Ali (Boys)	48
<u>Rural Schools</u>		
32.	Zilla Parishad High School, Mahboobabad, Warangal Dist. (Boys)	71
33.	Zilla Parishad High School,Zaffar- gadh, Warangal Dist. (Boys)	44
34.	Zilla Parishad High School,Jangaon, Warangal Dist. (Boys)	75
35.	Zilla Parishad High School,Dharmaram, Warangal Dist. (Boys)	26
36.	Zilla Parishad High School,Hasan- parthi, Warangal Dist. (Boys)	64
37.	Zilla Parishad High School,Mulkanoor Karimnagar Dist. (Boys)	50
38.	Zilla Parishad High School,Husnabad Karimnagar Dist. (Boys)	55
39.	Zilla Parishad High School,Veliminudu, Nalgonda Dist. (Boys)	26
Total		2000

Thus the final test is administered on a population of 2000 drawn from 8 Zilla Parishad High Schools, 11 private schools and 20 government schools of both boys and girls in the districts of Warangal, Karim-Nagar, Nalgonda, Khammam, Guntur and in the twin cities of Hyderabad and Secunderabad. The administration of the test is completed in 50 days and care is taken to see that the test is administered only in the morning session when the pupils will be quite fresh to answer the test.

The administration of the test is done by the investigator himself during the period from 15th Nov.1967 to 15th January 1968.

Procedure followed for administering the test

1. At the outset when all the pupils are seated comfortably, the answer sheets are distributed among them. They are asked to fill in the particulars and other items of information called for in the answer sheet. The pupils are given three minutes for this purpose.
2. The test booklets are then distributed among them with instructions not to open them till they are advised to do so. Pupils are asked to go through the instructions given on the cover page carefully. Three minutes time is given for the pupils to enable them to read the instructions. The tester then gave the necessary additional instructions orally.
3. After clearing the doubts if any, expressed by pupils with regard to the answering of the test items, pupils are then asked to open the test booklet and start answering the test items. It would be made clear to them in the beginning itself that the examples and directions given in each of the sections will give them the necessary guidance in answering the test items.



4. Clear instructions are also given not to ask questions while answering the items except with regard to the meaning of the difficult words if any, not understood by them.
5. Finally the pupils have been instructed to return the answer-sheets and the test booklets after they finish answering the test items.

#### Time Limit

The total time allotted for answering the test battery is 120 minutes. Even though it is thought in the beginning that the test is to be administered in two spells but as the pupils preferred to answer the items in one spell and did not favour the idea of having a break, the test is administered in one spell only. The concerned subject teachers also suggested that the administration of the test be done in one spell only lest the break may come in the way of their sustained interest. The time limit is followed and almost all the pupils answered the test items within the prescribed time without any difficulty. The allotted time of 120 minutes is arrived at, after taking into account the experience of the pilot test and carefully calculating the time required by the pupils to answer the test items in each of the sections.

#### Physical set up

As it is necessary to give special attention in obtaining

good accommodation, proper seating arrangement, adequate lighting, ventilation and freedom from distractions, an effort is made to fulfil all the above factors as far as possible. As pointed out earlier, testing is done in the morning session only to avoid the vitiating effects of fatigue on the testees' performance.

#### Mental set up

For the successful psychological testing a favourable mental set up of the testees is a necessity. The most desirable motivating condition are those which enable the largest number of individuals to give the best performance without any undue emotional stress. A great majority of the pupils evinced interest in taking this type of aptitude test. The novelty of the test helped to a considerable extent in motivating the pupils.

#### Scoring

The scoring method that is adopted in the pilot test is followed in the final test. No change is found to be necessary in the scoring pattern. One mark is allotted for each of the test items.

No outside help is taken for scoring and the investigator himself valued all the answer scripts.

#### Key for Manual Scoring

A key is prepared for the whole test battery. (Appendix VI)  
The pupils are asked to put a tick mark (✓) for the alternatives

selected as correct. Slots on the answer sheet prepared of light cardboard, are punched in places where the correct responses are given as per the key. The responses of the pupils given in the form of tick marks under each of the items if marked correct as per the key could be counted easily through the slotted holes. This method saved lot of time and helped in quickening the process of scoring.

#### Compilation of Data

After valuing all the 2000 answer sheets, the scores obtained by the pupils in different sections of the test battery are tabulated sectionwise and entered in a separate register specially prepared for the purpose.

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