Chapter III

RESULTS

The significance of differences between Indian and Nigerian's personality factor scores was tested by t-test (McGuigan 1981), suitable for two independent samples. Separate analysis was applied for each of the sixteen factors and four secondary factors. Table 3.1 and 3.2 presents mean standard scores, t value, degree of freedom and confidence level of probability. All the differences were tested with two-tailed hypothesis, as directional differences were not hypothesized.

The obtained t scores for Factor A were compared between Indian and Nigerian samples. The t-test was applied to assess the significance of differences. The test revealed t value as 23.73. It was significant beyond .01 level of probability at 78 degree of freedom. Thus, Indians and Nigerians significantly differed for factor A. Mean t score for Indians was 4.9, that is, they were average on this traits, whereas Nigerians mean t score
Factor E shows significance of differences between Indian and Nigerian samples. When the t-test was applied to assess them, the test revealed a value as 9.70 significant at .01 level of probability at 78 degree of freedom. The mean sten scores for Indians and Nigerians were 5.23 and 4.58. This shows that Indians are slightly higher for factor E than the Nigerians. Thus the Nigerians tend to be humble, mild, accommodating and dependent-minded than Indians.

The t value for factor F was 11.11. It was significant at .01 level of the probability at 78 degree of freedom. The mean sten scores for both Indians and Nigerians were 3.93 and 3.22. Though there is a slight difference between the two races for this factor, yet both of them fall within the low point of the standard score scale. Therefore it may be said that the Nigerians are more restrained, unduly deliberate, sober and dependable persons than their counterparts.

In assessing their personality trait for G, the sten scores were taken and compared. The comparison showed a significant difference between them. Applying t test, its value showed 13.26, significantly beyond .01 level of probability at 78 degree of freedom. Mean sten score for Indians was 5.8 and Nigerians 5.98. The indication here shows that Nigerians were higher than their counterparts. This shows that Nigerians tend to
be more conscientious persistent and moralistic. They also shows sense of duty and tend to be exacting in character. Indians are unsteady in purpose. They lacks efforts for groups undertakings.

Factor II was significant .01 level of probability at 78 degree of freedom. The mean sten score for Indians was 5.83, whereas, Nigerians' means sten score was 5.45. The scale value for this score shows than Indians are more sociable, bold and ready to try new things, however they can be careless of detail, ignore danger signals and consumed much time talking. They tend to be pushy than Nigerians.

The test for factor I revealed t value as 19.61. It was significant at .01 level of probability at 78 degree of freedom. The mean sten score for Indians as well as Nigerians were 5.65 and 7.25 respectively. Thus Nigerians were significantly higher while Indians were average for this factor. Nigerian personality traits depict tender-mindedness, fastidious and femin. They sometimes demand attention and help, and dislikes crude people and rough occupation than Indians.

In comparison of Indian and Nigerian samples for factor —, the t value was 6.42. It was significant at .01 level probability at 78 degree of freedom. The mean values for Indians was 6.68 whereas Nigerians'
6.00. For category 1 the Indians scored higher. Therefore it may be said that the Indians are more mistrusting and doubtful. They often involved in their own ego and are self-opinionated. They are usually more deliberate in their own actions, unconcerned about other people than the Nigerian counterparts.

The mean sten score for factor M was 5.00 for Indians and 4.03 for Nigerians. The mean differences were significant beyond .01 level of probability with t value equal to 14.20 at 78 df. Thus Nigerians were more practical than Indians.

The significant differences were also obtained between Indians and Nigerians for factor X (t = 11.77, df. = 78, p < .01) Nigerians (x = 7.53) were higher on the factor than Indians (x = 6.40). Nigerians were found to be more polished, socially aware, astute and shrewd than Indians.

Sten score for factor C showed the both races differed slightly. After applying t-test, the value was revealed as 5.25, being significant beyond .01 level of probability a 78 degree of freedom. A mean sten score for Indians showed 6.1, meaning that they were higher for factor C, as mean sten score for Nigerians was 5.78. Indians were found to be more apprehensive, self-reproaching, insecure and worrying in comparison to Nigerians.
Table 3.1 showing mean aten scores, 't' values for 16 RF.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Mean</th>
<th>t</th>
<th>df = 78</th>
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<tbody>
<tr>
<td></td>
<td>Indians</td>
<td>Nigerians</td>
<td></td>
</tr>
<tr>
<td>n</td>
<td>4.9</td>
<td>6.68</td>
<td>23.73</td>
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<tr>
<td>s</td>
<td>3.98</td>
<td>3.88</td>
<td>1.08</td>
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<tr>
<td>C</td>
<td>4.83</td>
<td>4.7</td>
<td>2.41</td>
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<tr>
<td>E</td>
<td>5.23</td>
<td>4.58</td>
<td>9.70</td>
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<tr>
<td>F</td>
<td>3.93</td>
<td>3.23</td>
<td>11.11</td>
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<tr>
<td>G</td>
<td>5.8</td>
<td>6.98</td>
<td>13.26</td>
</tr>
<tr>
<td>H</td>
<td>5.93</td>
<td>5.45</td>
<td>6.44</td>
</tr>
<tr>
<td>I</td>
<td>5.65</td>
<td>7.25</td>
<td>19.61</td>
</tr>
<tr>
<td>L</td>
<td>6.68</td>
<td>6.00</td>
<td>6.42</td>
</tr>
<tr>
<td>M</td>
<td>5.00</td>
<td>4.03</td>
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<tr>
<td>N</td>
<td>6.4</td>
<td>7.53</td>
<td>11.77</td>
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<tr>
<td>O</td>
<td>6.1</td>
<td>5.73</td>
<td>5.25</td>
</tr>
<tr>
<td>P</td>
<td>6.05</td>
<td>5.08</td>
<td>11.38</td>
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<tr>
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<tr>
<td>S</td>
<td>5.4</td>
<td>6.2</td>
<td>9.76</td>
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<tr>
<td>T</td>
<td>4.35</td>
<td>4.98</td>
<td>10.5</td>
</tr>
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</table>
Statistically, Factor $\downarrow_1$ when computed and compared between Indian and Nigerian samples showed significance difference between them. The mean score was 6.05 for Indians and 5.98 for Nigerians. The mean differences were significant beyond .01 level of probability with t value equal to 11.98 at 78 df. This revealed that the Indians were experimenting, liberal and free thinkers whereas Nigerians were conservative and respecting traditional ideas.

The t-test for factor $\uparrow_2$ showed no significant difference between Indians and Nigerians, with mean scores of 6.33 for Indians and 5.03 for Nigerians, the t value was 1.67 which was nonsignificant beyond the confidence of probability. Both the groups did not differ beyond chance for group dependence or self-sufficiency.

The t value for factor $\downarrow_3$ was 9.76. It was significant at .01 level of probability at 78 df. The mean values for the two race were 5.4 for Indians and 6.2 for Nigerians. Significantly, Nigerians were higher while Indians averaged for this factor. Thus $\downarrow_3$ factor showed Nigerians to have strong control of emotions and general behavior, inclined to be socially awareful and careful and evidence, what is commonly termed self-respect and regard for social reputation than the Indians.
was 6.68, that is, they were higher for factor α in comparison to their counterparts. This indicates that Nigerians are warm-hearted, easy-going and participating, emotionally expressive. They like occupations dealing with people and socially impressive situations. They are generous in personal relations and less afraid of criticism than the Indians.

For factor β the obtained mean scores were compared between the two races. The t-test was applied to assess the significant of difference. The result showed no significance at t value stood at 1.08. The mean mean scores between Indians and Nigerians were 3.98 and 3.88 respectively. This means that the two races are almost on the same trait level for factor β. Both of them falls at the low end of the scale. Hence they tend to be slow to learn and grasp, dull. The dullness may be simply a reflection of low intelligence or it may represent poor functioning due to psychopathology.

The test for factor C revealed t value as 2.42. it was significant at .05 level of probability at .78 degree of freedom. Thus Indians and Nigerians differed for factor C. Their mean mean scores are 4.33 and 4.7 respectively. Despite being significant, the differences were marginal in terms of means which shows both types of subjects are affected by feelings and emotionally less stable. Nigerians were less stable than Indians.
The data obtained from step scores for factor \( w_4 \) from Indian and Nigerian samples were compared to find out the significance of difference between them. The test showed \( t \) value when it was applied as 10.5 and as significant at .01 level of probability at 78 df. The means indicated difference traits. Thus a mean step score for Indians was 4.35 and 4.98 for Nigerians. In spite of their slight difference both Indians and Nigerians were within the end of the scale. Hence they tend to be tense, excitable, restless, and impatient than Indians.

The result of significance of difference between Indians and Nigerians for the second order factor \( I \), revealed no significance. Mean scores for Indians and Nigerians were: \( \bar{x} = 5.42 \) and \( \bar{x} = 5.35 \) respectively. \( t \) value, 1.05, \( df = 78, p > .05 \). Simultaneously, both group showed average in anxiety level. They are not neurotic. They tend to be motivated and able to achieve those things that seem to them to be important.

Similarly, result from second order factor \( II \) indicated no significance of differences. With means score of 4.65 and 4.61 for Indians and Nigerians, \( t \) value .75, was non significant. The two races were characteristically introversion. They tend to be shy, self-efficient, and inhibited in personal contact.
The test between Indian and Nigerians sample for factor III revealed the significance of difference. The value of 't' was 28.10. Independent mean scores for Indians and Nigerians were 5.40 and 3.78. It was significant beyond .01 level of probability at 78 degree of freedom. This shows that Indians differed greatly from Nigerians for this factor. Hence they are enterprising and resilient in their personality. However, they are likely to miss subtle relationship in life, and to orient behavior too much toward obvious than Nigerians.

The 't' value for factor IV was 28.12. It was significant at .01 level of probability at 78 degree of freedom. Indians mean score was 5.77 whereas Nigerians 3.66. Here again there is significance of difference. Indians tend to be independent, daring and aggressive. They seek those situations where such behavior is at least tolerated and possibly rewarded as compared to their Nigerian counterparts.

Fig. 3-1 summarizes the relative position of both groups in profile for 16 factors. Conclusively, it was revealed that Nigerians are easy going and emotionally expressive. They like occupations dealing with people and socially impressed situations. They
are slow to learn but tolerant for any unsatisfactory condition. They are humble, sober conscientious and moralistic, preferring hard-working people to witty companions. They tend to be pushy and actively interested in the opposite sex. They are tenderminded, self-opinionated and hard to fool. Conventionally, they tend to be anxious to do the right things, attentive to practical matters and subject to the dictation of what is obviously impossible. couple with this, they have intellectual, unsentimental approach to situations. They have mature, unanxious confidence in themselves and their capacity to deal with things. They are group-minded prefer to work and make decision with other people, likes and depends on social approval and admiration. They have strong, control for their emotions and general behavior and have regard for 'self respect and social reputation. In some situations their oversatisfaction can lead to laziness and low performance in the sense that low motivation produces little trial and error.

On the other hand, Indians are also easy-going and warm-hearted. They tend to be slow to learn and grasp and low in frustration tolerance for unsatisfactory conditions. Inspite of this, they are assertive, self-assured, and independent-minded. In some situations
RESERVED A.
LESS INTELLIGENT B.
AFFECTED BY FEELINGS C
HUMBLE E
SOBER F
EXPEDIENT G
SHY H
TOUGH-MINDED I
TRUSTING L
PRACTICAL M
FORTHRIGHT N
PLACID Q
CONSERVATIVE Q_1
GROUP-DEPENDENT Q_2
UNDISCIPLINED SELF-CONFLICT Q_3
RELAXED Q_4

OUT GOING
MORE INTELLIGENT
EMOTIONALLY STABLE
ASSERTIVE
HAPPY-GO-LUCKY
CONSCIENTIOUS
VENTURESOME
TENDER-MINDED
SUSPICIOUS
IMAGINATIVE
SHREWDS
APPREHENSIVE
EXPERIMENTING
SELF-SUFFICIENT
CONTROLLED
TENSE

INDIAN

NIGERIAN

Fig. 31
PROFILE OF INDIAN AND NIGERIAN PERSONALITIES
they tend to be pessimistic. Conscientiously, they are dominated by sense of duty and are venturesome. They tend to be pushy and actively interested in the opposite set. They are toughminded. They tend to keep a group operating on a practical and realistic no-nonsense basis. They are mistrusting and doubtful. They are imaginatively creative and concern with essentials, and obvious of particular people and physical realities. They have intellectual, unsentimental approach to situations, an approach to cynicism. In matters of anxiety in difficulties they behave in a childlike manner. Experimentally, they are interested in intellectual matters and have doubts on fundamental issues, and inclined to experiment in life generally. They are self-sufficient and prefer their own decision. They discounts public opinion, but it is not necessarily dominant in his relation with others. They are undisciplined and in some situations, his oversatisfaction can lead to laziness and low performance.

Fig. 3.2 summarises the relative position of both groups sten scores for four second order factors of personality.

From the sten scores that Nigerians is understood to have high anxiety. They need not be neurotic, since anxiety could be situational. They are introvert, and
Sten Scores

0 1 2 3 4 5 6 7 8 9 10

Low Anxiety I
Introversion II
Tender-Minded III
Emotionally Subduedness IV

High Anxiety Extraversion Alert Poise Independence

Fig. 3.2. Sten Scores on four second order factors of Indian & Nigerians.
tend to be troubled by pervasive emotionally, and may be a discouraged typed. They are likely to desire and need the support from other persons, orienting their behavior toward persons who give such support.

High anxiety is also noted in case of Indians. This may be as a result of dissatisfaction with the degree to which they are able to meet their demands of life. In addition, they are introvert and are likely to miss the subtle relationship of life. They seek those situations where such behavior is at least tolerated and possible rewarded. Both groups differed significantly on the dimensions of tenderminded emotionality and independence. Indians were found to be independent and assertive, whereas, Nigerians tend to be subdued and emotionally tenderminded