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ASSESSMENT OF PSYCHOLOGICAL PROFILE OF NATIONAL AND INTERNATIONAL LEVEL PLAYERS OF INDIA

AUTHOUR

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ABSTRACT

90 sub junior/Junior/Senior National Level players will be selected as the subject from National level coaching camp organized by SAI. There was significant difference found between physiological variables in player. The significant effect found on the basis of sub-junior, junior and senior national level players state-trait anxiety and its dimension found has significant effect in ANOVA. Our assumption is accepted. The significant difference found in achievement motivation scale and it's dimension found are maximum dimension and it is accepted.

KEYWORDS: Player, Anxiety, National, Camp and Sai.

INTRODUCTION

Today in the modern competitive era every sportsman is in a race to excel others, and competition has become a fundamental mode of human expression as it is one of the very important function by which National and International recognition and prestige is gained. From its very simple form, sports have emerged into highly organized activity of human society and it has become a complex social and cultural phenomenon.

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Sports are a psycho-physiological activity. It has both psychological and physiological dimensions, besides physical, social and technical aspects. In this modern era of competitions the psychological preparation and physiological fitness of a sportsman is as much important as teaching of different skills of a game on the scientific lines. These sportsman are prepared not only to play the game, but to win the game and for winning the game, it is not only the proficiency in the skills which brings victory but more important is the psychological, physiological and physical prowess of the players.

High sports performance is the result of a multiple factors such as physical fitness, skill fitness, constitutional factors, tactical efficiency etc. the performance of world class judokas is the result of interaction of a number of factors which includes psychological and physiological demands also.

The craze for winning medals in the Olympics and other international competitions has catalyzed the sport scientists to take "interest in exploring all the aspects and possibilities which can contribute to enhance sports performance to undreamt heights." It has been established beyond doubt that "much of human physiology is controlled by human psychology and that physiological preparation in sports is inconsequential in the absence of study of human behavior as it related to competitive sport the virgin realm of the mind has to be explored without which neither excellence nor perfection could be ensured." It is now being claimed that "regardless of how much ability, skill or fitness a person possesses for a particular task or sport, the success or

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quality of his performance will, in the final analysis probably depend on his particular psychological make-up." Psychological make-up here, to a great extent, encompasses personality structure, motivation and emotional control.

Athlete development systems and programmers are no longer adequate if they only emphasize skill and physical development. The inclusion of sound psychological principles and practices in training and competition preparations and conduct is a necessary ingredient of modern sport.

METHOD AND PROCDURE

90 sub junior/Junior/Senior National Level players will be selected as the subject from National level coaching camp organized by SAI.

TABLE-4.1
Analysis of ANOVA on Guilt Proneness among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	64.35556	2	32.17778	
Within the Samples (SSW)	801.4667	87	9.212261	3.49293
Total (TSS)	865.8222	89		

* Significant at .05 level, **'F**' value at .05, (2, 89)= 3.10

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TABLE-4.2

Analysis of ANOVA on Maturity among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	36.35556	2	18.17778	6.712507*
Within the Samples (SSW)	235.6	87	2.708046	
Total (TSS)	271.9556	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

TABLE-4.3

Analysis of ANOVA on Self-Sufficiency among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio	Sig.
Between Samples (SSB)	49.35556	2	24.67778	4.576778	**Sig**
Within the Samples (SSW)	469.1	87	5.391954		
Total (TSS)	518.4556	89			

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

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TABLE-4.4

Analysis of ANOVA on Suspiciousness among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	2.8222	2	1.411111	1.707464
Within the Samples (SSW)	71.9000	87	0.826437	
Total (TSS)	74.7222	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

TABLE-4.5

Analysis of ANOVA on Tension among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	46.02222	2	23.01111	6.191011*
Within the Samples (SSW)	323.3667	87	3.716858	
Total (TSS)	369.3889	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

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TABLE-4.6

Analysis of ANOVA on State-Trait Anxiety Test (STAT) among **Sub Junior, Junior and Senior National Level group**

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	352.2667	2	176.1333	7.852887*
Within the Samples (SSW)	1951.333	87	22.42912	
Total (TSS)	2303.6	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

TABLE-4.7

Analysis of ANOVA on Achievement Motivation Scale (n-Ach) among **Sub Junior, Junior and Senior National Level group**

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	549.4222	2	274.7111	3.146983*
Within the Samples (SSW)	7594.533	87	87.29349	
Total (TSS)	8143.956	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

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TABLE-4.8

Analysis of ANOVA on Academic Motivation among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	35.82222	2	17.91111	3.32135*
Within the Samples (SSW)	469.1667	87	5.39272	
Total (TSS)	504.9889	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

TABLE-4.9

Analysis of ANOVA on Need for achievement among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	23.35556	2	11.67778	1.777616
Within the Samples (SSW)	571.5333	87	6.569349	
Total (TSS)	594.8889	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

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TABLE-4.10

Analysis of ANOVA on Academic Challenge among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	45.6	2	22.8	3.979936*
Within the Samples (SSW)	498.4	87	5.728736	
Total (TSS)	544	89		

* Significant at .05 level, **'F'** value at .05, $(2, 87)= 3.10$

TABLE-4.11

Analysis of ANOVA on Achievement anxiety among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	11.02222	2	5.511111	6.243056*
Within the Samples (SSW)	76.8	87	0.882759	
Total (TSS)	87.82222	89		

* Significant at .05 level, **'F'** value at .05, $(2, 87)= 3.10$

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TABLE-4.12

Analysis of ANOVA on Importance of grades/marks among Sub Junior, Junior and

Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	62.6	2	31.3	9.471652*
Within the Samples (SSW)	287.5	87	3.304598	
Total (TSS)	350.1	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

TABLE-4.13

Analysis of ANOVA on Meaningfulness of task among i.e Sub Junior, Junior and Senior

National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	4.422222	2	2.211111	0.283142
Within the Samples (SSW)	679.4	87	7.809195	
Total (TSS)	683.8222	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

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TABLE-4.14

Analysis of ANOVA on Relevance of school/college to future goals among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	10.68889	2	5.344444	3.578502*
Within the Samples (SSW)	129.9333	87	1.493487	
Total (TSS)	140.6222	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

TABLE-4.15

Analysis of ANOVA on Attitude towards education among **Sub Junior, Junior and Senior National Level group**

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	42.46667	2	21.23333	2.780264
Within the Samples (SSW)	664.4333	87	7.637165	
Total (TSS)	706.9	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

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TABLE-4.16

Analysis of ANOVA on Work Methods among **Sub Junior, Junior and Senior National**

Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	187.8222	2	93.91111	8.364319*
Within the Samples (SSW)	976.8	87	11.22759	
Total (TSS)	1164.622	89		

* Significant at .05 level, **'F'** value at .05, $(2, 87) = 3.10$

TABLE-4.17

Analysis of ANOVA on Attitude towards teachers among Sub Junior, Junior and Senior

National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	51.8	2	25.9	5.828505*
Within the Samples (SSW)	386.6	87	4.443678	
Total (TSS)	438.4	89		

* Significant at .05 level, **'F'** value at .05, $(2, 87) = 3.10$

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TABLE-4.18

Analysis of ANOVA on Interpersonal relations among Sub Junior, Junior and Senior

National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	125.0889	2	62.54444	6.647433*
Within the Samples (SSW)	818.5667	87	9.408812	
Total (TSS)	943.6556	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

TABLE-4.19

Analysis of ANOVA on Individual concern among **Sub Junior, Junior and Senior National**

Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	8.288889	2	4.144444	1.760293
Within the Samples (SSW)	204.8333	87	2.354406	
Total (TSS)	213.1222	89		

* Significant at .05 level, **'F**' value at .05, (2, 87)= 3.10

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TABLE-4.20

Analysis of ANOVA on General Interests among i.e Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	118.1556	2	59.07778	7.557739*
Within the Samples (SSW)	680.0667	87	7.816858	
Total (TSS)	798.2222	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

TABLE-4.21

Analysis of ANOVA on Dramatics among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	6.466667	2	3.233333	1.339311
Within the Samples (SSW)	210.0333	87	2.414176	
Total (TSS)	216.5	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

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TABLE-4.22

Analysis of ANOVA on Sports among Sub Junior, Junior and Senior National Level group

Source of Variation	Sum of Squares	Df	Mean Square	F-ratio
Between Samples (SSB)	66.82222	2	33.41111	4.331131*
Within the Samples (SSW)	671.1333	87	7.714176	
Total (TSS)	737.9556	89		

* Significant at .05 level, **'F'** value at .05, (2, 87)= 3.10

RESULTS AND CONCLUSION

There was significant difference found between physiological variables in player. The significant effect found on the basis of sub-junior, junior and senior national level players state-trait anxiety and its dimension found has significant effect in ANOVA. Our assumption is accepted. The significant difference found in achievement motivation scale and it's dimension found are maximum dimension and it is accepted.

According the Sub-Junior Vs Junior group of Self-Sufficiency, Tension, State-Trait Anxiety Test (STAT), Academic Motivation, Need for achievement, Achievement anxiety, Importance of grades /marks , Attitude towards education, Work Methods, Attitude towards teachers, , Interpersonal relations, General Interests, and Sports the t-test was significant statistically significant as the obtained value.

Sub-Junior Vs Junior group of Guilt Proneness, Guilt Proneness, Suspiciousness, Academic Motivation Scale, Academic Challenge, Meaningfulness of task, Relevance of school/ college to

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future goals, Individual concern, the t-test was significant statistically insignificant as the obtained value.

According, Sub Junior Vs Senior group of Guilt Proneness, Guilt Proneness, Self-Sufficiency, Tension, State-Trait Anxiety Test (STAT)-, Academic Motivation Scale, Academic Motivation, Need for achievement, Academic Challenge, Achievement anxiety, Importance of grades /marks, Relevance of school/ college to future goals, Attitude towards education, Work Methods, Attitude towards teachers, Interpersonal relations, Individual concern, General Interests, and Sorts.

According Junior Vs Senior group of the t-test was significant statistically insignificant as the obtained Suspiciousness, Tension, Academic Motivation Scale, Academic Motivation, Need for achievement, Importance of grades /marks, Meaningfulness of task, Relevance of school/ college to future goals, Attitude towards education, Work Methods, Individual concern, and Dramatics.

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