

Survey on Public Interest in Judo, with Consideration to Age

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I Object of Survey

The object of this survey was to find out what particular point or points are of interest to those practicing judo, thus enabling us to reexamine and improve methods of judo education.

II Method of Survey

By distributing questionnaires (Fig. 1) all over Japan to those practicing judo at present (December 1949), replies were obtained. These replies formed the basis of our present study.

Fig. 1

Questionnaire	
I. If any of the articles listed below is pertinent to the reason for your taking up judo, mark the number with a circle. (Personal relations)	
1) I took up judo, because my father, mother, brother liked judo.	school was situated conveniently on the way back from school, work.
2) I took up judo, because my father, mother, brother was practicing judo.	10) I had many opportunities of watching a judo match, and thus became interested in judo
3) I took up judo, because my father, mother, brother was a grade holder (Gr.) and I also wanted to be strong.	11) Interest in judo was aroused after seeing a judo cinema (name of cinema : _____) (also name of person in the cinema which attracted your attention _____)
4) My father, brother aroused in me an interest in judo, and so began to attend a nearby judo school.	12) Interest in judo was aroused after reading a novel about judo (name of novel _____).
5) My friend, neighbour, associate, aroused in me an interest in judo, and I began to attend a judo school.	13) I chose judo because judo may be practiced regardless of the weather.
6) My school master recommended me to practice judo.	14) I was attracted by the pale green tatami of the judo hall.
7) I had no intention of practicing judo, but my parents, brother compelled me to.	15) I was attracted by the cleanliness of the judo hall.
8) I began to practice judo, because a judo school was conveniently situated near my house.	16) I was attracted by the kindness and friendliness of the people at the judo school.
9) I began to practice judo, because a judo	17) Only one companion is needed to practice judo, and its simplicity attracted me,

II. If any of the articles listed below is pertinent to the reason for your taking up judo mark the number with a circle. (Characteristics and effect of judo)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1) Judo may be practiced regardless of age or sex. 2) There are various techniques and one may be easily substituted for another. 3) Only short practices are required at a time, so it is convenient for a busy person. 4) It is possible to overcome a person superior in physique. 5) A small person can practice judo. 6) Judo is good for the health. | <ol style="list-style-type: none"> 7) Desire to be strong bodily. 8) Desire to become dexterous. 9) Desire to overcome over-prudence. 10) Desire to become brave. 11) Desire to become composed. 12) Desire to become unafraid of people. 13) Desire to become a man of muscles. 14) Desire to acquire skill in judo. 15) Judo is excellent for self defense. 16) Knowledge of judo is useful in a fight. |
|---|---|

III. If any of the articles listed below is pertinent to the reason for your taking up judo, mark the number with a circle. (Physical and mental compatibility)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1) I am physically suited to practice judo. 2) I am heavily built. 3) I am tall. 4) I am corpulent. 5) I am muscular. 6) My hip is strong. | <ol style="list-style-type: none"> 7) I am strong in sumo. 8) I am dexterous. 9) I am persevering. 10) I hate to lose. 11) I have strong fighting spirit. |
|---|--|

IV. If any of the articles listed below is pertinent to the reason for your taking up judo, mark the number with a circle. (Interest aroused while practicing judo)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1) I have become considerably healthy. 2) My bodily movements have become free. 3) I have become considerably skillful. 4) I win very often. 5) I have become strong in matches. 6) My techniques have become very effective. 7) I have come to appreciate the fine points of the various techniques. 8) It is exhilarating to throw a big opponent. 9) The beauty of the techniques. 10) Practicability of the techniques. 11) I have acquired the black belt. 12) I want to become a grade holder. 13) The members of my family give me much encouragement. 14) My superiors give me much encouragement. 15) My superiors have told me that there is much hope in me. 16) My desire to conquer may be assuaged. 17) It is exhilarating when I throw an opponent. 18) When I win in an Osae-komi technique I feel satisfied that I have tried hard. | <ol style="list-style-type: none"> 19) When grappling with an opponent I have learned to be always on the alert. 20) I am very happy when I am able to free myself of my opponents grip. 21) The exercises are very hard, but the feeling is good. 22) When I don't practice I feel empty. 23) The feeling is wonderful after a hard try. 24) The feeling is wonderful after a lot of sweating. 25) The earnestness during a Shime-waza. 26) I am capable of using my full strength. 27) I have lost fear. 28) I have actually made use of judo in self defense. 29) I have acquired composure. 30) I have built up muscle. 31) I have become persevering. 32) I have acquired self-restraint. 33) I have attained my desire. (What is your desire _____) 34) I have come to realize the relation of life and judo. 35) I have become clever in my daily work. |
|---|---|

III Substance of the Questionnaires

The questionnaires were divided into four groups, and the substance of the questionnaires were, what motivated the subject to undergo training, and also what were of particular interest to him in judo.

The first group consisted of questions regarding extraneous factors which motivated

the subject to undergo training. The sixteen questions in this group divided according to their substance were as follows :

- 1) Human factors in the motivation (Quest. 1-7, 16)
- 2) Local factors in the motivation (Quest. 8, 9, 14, 15)
- 3) Influence of seeing a judo match, cinema, or reading a novel about judo (Quest. 10-12)
- 4) Attraction of the method in which judo is trained (Quest. 8, 9, 13, 17).

The second group consisted of questions to elicit the object of the desire to undergo training, in other words this group of questions was given in order to examine how judo was understood and what was expected of judo.

- 1) Comprehension of the characteristics of judo (Quest. 1-5)
- 2) Expectation of the effect of judo: physical (Quest. 6-8), mental (Quest. 9-12), technique (Quest. 8, 14-16)

The third group consisted of questions concerning judgement regarding physical and mental competence to undergo training.

- 1) Physical make-up (Quest. 1-4).
- 2) Physical strength (Quest. 5-8).
- 3) Disposition, character (Quest. 9-11).

The foregoing are questions regarding the occasioning factor and the motivation.

The fourth group consisted of questions regarding the interest or concern aroused during the course of training in judo.

- 1) Bodily concern (Quest. 1, 2).
- 2) Interest in the techniques (Quest. 3-10).
- 3) Emotional concern based on a sense of superiority (Quest. 11-20).
- 4) Recreational interest (Quest. 21-24).
- 5) Attitude toward oneself and others (Quest. 25-35).

Hokkaido	121	Kanagawa Pref.	3	Osaka City	9	Fukuoka Pref.	
Aomori Pref.		Nigata Pref.	73	Hyogo Pref.	71	Saga Pref.	
Iwate Pref.		Toyama Pref.	34	Nara Pref.		Nagasaki Pref.	2
Miyagi Pref.		Ishikawa Pref.		Wakayama Pref.		Kumamoto Pref.	
Akita Pref.		Fukui Pref.	109	Tottori Pref.	61	Oita Pref.	
Yamagata Pref.		Yamanashi Pref.	43	Simane Pref.	55	Miyazaki Pref.	23
Fukushima Pref.	42	Nagano Pref.	41	Okayama Pref.		Kagoshima Pref.	72
Ibaragi Pref.		Gifu Pref.	89	Hiroshima Pref.		Okinawa Pref.	
Tochigi Pref.	93	Shizuoka Pref.	156	Yamaguchi Pref.	48		
Gunma Pref.	88	Aichi Pref.	46	Tokushima Pref.		unidentified	14
Saitama Pref.	3	Mie Pref.	1	Kagawa Pref.	52		
Chiba Pref.	2	Shiga Pref.		Ehime Pref.		Total	1450
Tokyo City	140	Kyoto City	4	Kochi Pref.			

IV Distribution of the Subjects Studies

Questionnaires were sent to 2,500 subjects of which 1450 answered, making a recovery rate of 58%. This high recovery rate was mostly due to the kind cooperation of the various judo organizations distributed all over Japan. The geographical distribution of the subjects studied were as follows :

The subjects studied as classified according to age are in Table 1.

It will be seen that the minimum age is seven and the maximum sixty nine, showing the wide span in age of those

Table 1

(1) 7 yrs.—12 yrs.	54	25 yrs.	56
7 yrs.	3	(5) 26 yrs.—29 yrs.	110
8 "	4	26 yrs.	43
9 "	6	27 "	31
10 "	3	28 "	20
11 "	17	29 "	16
12 "	21	(6) 30 yrs.—34 yrs.	66
(2) 13 yrs.—15 yrs.	141	30 yrs.	13
13 yrs.	29	31 "	9
14 "	59	32 "	13
15 "	53	33 "	13
(3) 16 yrs.—20 yrs.	501	34 "	18
16 yrs.	96	(7) 35 yrs.—39 yrs.	67
17 "	126	(8) 40 yrs.—49 yrs.	79
18 "	97	(9) 50 yrs.—59 yrs.	19
19 "	90	(10) 60 yrs.—69 yrs.	4
20 "	92	Total	1403
(4) 21 yrs.—25 yrs.	362	Others :	
21 yrs.	85	Ages unidentified	29
22 "	88	Women	18
23 "	86		
24 "	47	Grand total	1450

ques- tionnaire	age	7	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	total	or- der
	7 12	12																									
1		10	22	9	16	31	15	11	11	16	20	19	13	12	10	4	3	3	4	2	1	2	5		239	3	
2		4	4	2	4	11	2	4	3	3	5	2	0	3	5	2	2	3	2	1	0	0	2		64	15	
3		6	4	3	7	9	8	2	2	4	8	6	2	3	6	3	3	4	1	1	0	1	1		84	11	
4		4	3	5	3	3	2	1	2	2	2	3	0	1	2	1	0	2	1	1	0	0	0		38	17	
5		8	24	28	50	61	54	53	44	40	34	41	20	23	18	12	5	4	5	3	6	4	5		542	1	
6		0	4	2	2	6	4	4	8	9	13	7	7	12	7	8	5	4	2	1	5	1	7		118	8	
7		1	3	2	2	2	2	1	1	0	3	0	0	2	1	0	0	0	0	0	0	0	0		20	18	
8		2	11	11	11	24	12	13	13	6	15	15	2	9	5	3	2	1	3	1	2	1	0		162	5	
9		0	2	2	7	5	5	5	5	3	5	6	5	6	1	4	1	1	0	0	2	1	2		68	14	
10		5	3	11	11	18	8	4	16	6	11	10	7	15	9	6	2	2	3	2	1	0	3		153	6	
11		2	11	6	9	12	10	15	10	8	6	9	2	6	0	2	1	1	0	0	0	2	1		113	9	
12		0	4	6	10	14	13	10	6	4	2	3	3	6	1	1	0	0	0	0	0	1	0		84	12	
13		6	15	15	20	32	20	21	19	15	24	25	13	11	9	6	5	6	1	0	0	1	3		267	2	
14		1	0	3	3	7	6	2	3	0	6	3	0	2	2	0	0	0	0	0	0	1	0		39	16	
15		1	5	5	6	6	5	11	6	3	6	8	3	4	5	2	0	0	2	0	0	1	1		80	13	
16		7	12	11	15	19	25	15	12	12	15	15	6	7	6	2	2	1	1	0	0	1	1		185	4	
17		1	7	8	12	14	15	12	16	8	16	11	7	9	6	1	1	3	0	0	0	3	1		151	7	
18		1	6	4	3	10	5	6	4	13	3	9	3	10	3	3	2	2	1	1	1	3	2		95	10	
total		59	140	133	191	284	221	190	181	152	194	192	93	141	96	60	34	37	26	13	18	23	34		2502		

Questionnaire 2																											
ques- tionnaire	age. 7 12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 69	total	or- der	
		1	2	1	3	10	5	11	6	9	9	8	15	7	11	4	4	2	3	1	0	2	1	1			
2	2	6	6	10	8	15	10	7	10	13	14	4	7	5	0	2	1	1	0	2	1	2			126	12	
3	3	5	8	17	19	27	20	26	14	21	16	9	9	10	4	4	3	1	0	1	3	3			223	7	
4	6	18	11	15	13	16	10	19	7	14	10	4	11	8	4	0	2	2	1	1	2	2			176	11	
5	5	10	13	14	19	23	13	12	15	7	13	5	11	6	1	2	1	0	0	1	3	3			177	10	
6	14	44	36	52	74	59	66	55	43	46	41	20	28	24	14	9	9	9	4	4	7	9			667	2	
7	16	36	40	62	74	56	48	57	40	44	55	32	34	24	15	9	7	0	5	4	10	9			677	1	
8	2	3	5	8	10	12	9	6	10	3	11	7	11	5	1	2	2	1	1	0	1	0			110	14	
9	3	6	7	15	23	23	17	14	16	14	17	6	9	6	3	3	2	0	1	2	1	5			193	9	
10	10	19	16	20	29	26	12	14	11	8	12	6	11	4	4	2	2	1	1	3	1	0			212	8	
11	8	34	27	48	70	58	43	43	35	40	43	20	32	22	6	9	5	2	3	3	5	5			561	3	
12	6	15	10	17	23	28	22	20	13	22	23	13	11	9	6	3	4	0	1	2	3	1			252	6	
13	4	12	4	8	11	13	5	7	4	3	7	3	9	2	0	0	1	1	0	0	1	0			95	15	
14	6	18	14	23	29	34	20	22	18	16	18	6	14	9	2	2	2	2	0	2	2	3			262	5	
15	10	16	16	36	41	30	27	38	24	32	28	19	23	20	11	4	4	4	3	2	5	3			396	4	
16	2	1	3	2	5	10	1	3	2	1	3	1	3	4	0	0	1	0	0	0	0	0			42	16	
17	0	1	2	0	3	0	3	2	4	1	0	0	1	2	1	0	2	0	0	0	1	1			24	17	
total	99	245	221	357	456	441	332	354	275	293	326	162	235	164	76	53	51	25	20	29	47	47			4308		

Questionnaire 3																											
ques- tionnaire	age. 7 12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 69	total	or- der	
		1	5	16	15	16	29	22	22	25	22	19	26	14	19	24	9	8	6	3	5	4	3	4			
2	0	4	4	1	13	8	3	4	1	4	7	0	2	1	2	0	0	1	0	0	0	1			56	8	
3	3	7	3	10	14	6	7	5	9	8	6	2	5	2	4	1	0	0	0	2	0	1			95	7	
4	1	3	4	1	2	4	4	2	6	3	6	1	2	0	0	0	0	1	0	0	0	0			40	10	
5	1	3	0	0	11	4	4	3	1	4	7	2	3	1	2	1	2	2	0	0	0	1			52	9	
6	2	7	10	8	9	9	3	15	17	11	10	5	10	2	4	2	1	1	0	2	2	4			134	4	
7	1	5	8	9	19	9	7	11	7	9	7	6	7	5	3	1	0	2	0	0	3	1			120	5	
8	2	3	1	3	4	3	1	1	3	2	3	0	4	0	1	1	1	0	0	0	0	0			33	11	
9	3	8	8	9	16	12	7	11	3	9	6	3	5	3	4	2	2	0	0	1	1	1			114	6	
10	13	22	11	21	39	31	23	28	25	28	23	11	23	8	8	4	1	1	1	2	4	3			330	1	
11	1	10	10	11	13	15	9	11	4	9	9	4	7	9	4	4	2	2	1	0	0	2			137	3	
12	1	1	0	3	7	0	1	4	2	1	1	4	3	1	2	0	0	0	1	1	0	0			33	12	
total	33	89	74	92	176	123	91	120	100	107	111	52	90	56	43	24	15	13	8	12	13	18			1460		

Questionnaire																									total	order
ques- tionnaire	age	7	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
		12																								
1		8	29	20	33	37	36	34	34	28	27	27	19	23	15	8	7	2	4	5	3	5	8		412	5
2		10	23	18	27	36	42	31	33	26	45	38	21	30	22	12	10	7	3	4	8	4	5		455	4
3		4	10	8	11	10	7	5	6	8	12	10	3	8	7	3	4	1	3	1	2	0	1		124	22
4		3	8	6	4	6	7	4	8	3	6	3	3	6	4	5	3	1	2	0	2	1	1		86	26
5		1	4	4	2	6	3	3	8	0	7	5	4	5	5	5	3	1	2	0	2	2	0		72	31
6		5	6	2	4	6	7	5	4	3	12	2	2	3	7	3	2	2	1	1	2	0	1		81	28
7		5	12	13	14	26	22	19	25	12	19	24	12	15	16	5	8	5	4	2	3	5	5		271	9
8		6	16	9	11	14	14	9	15	9	10	10	3	6	7	1	1	2	2	0	2	0	1		148	19
9		2	4	4	14	9	11	14	15	10	13	9	4	11	12	4	1	5	1	1	0	3	3		150	18
10		0	4	3	7	8	7	12	11	7	12	6	4	6	7	2	2	2	0	1	3	1	1		160	25
11		0	0	1	2	12	16	11	14	6	18	12	7	8	11	3	4	2	2	0	3	0	2		134	20
12		5	18	16	23	27	20	20	13	12	15	17	5	10	5	2	2	1	1	0	1	1	2		216	14
13		5	11	8	3	10	8	4	9	1	4	1	1	3	4	2	1	1	1	0	0	1	0		78	30
14		0	6	3	4	8	3	5	5	2	5	4	3	2	4	1	0	2	1	0	2	1	1		62	33
15		3	3	4	5	6	2	4	14	3	5	7	1	7	3	3	2	3	2	0	2	2	1		82	27
16		1	1	1	4	5	4	4	5	1	4	5	2	1	3	1	0	1	0	0	1	0	3		47	35
17		4	25	18	27	36	33	24	27	16	21	23	12	14	12	4	3	4	3	6	2	3	1		318	7
18		4	10	7	10	10	13	5	10	6	9	5	2	3	8	3	2	3	2	1	2	1	1		117	23
19		4	12	18	18	22	24	15	22	11	17	17	4	9	11	4	4	3	0	1	2	2	3		223	13
20		6	17	13	19	19	29	19	17	10	19	14	6	11	12	2	3	2	2	0	2	3	4		229	12
21		9	29	30	43	79	61	63	49	36	41	37	26	37	23	11	10	6	7	2	2	4	6		611	1
22		8	19	16	26	36	45	30	29	22	25	19	13	15	13	6	4	6	3	2	2	5	4		348	6
23		10	28	29	45	63	54	44	46	35	38	38	24	30	22	10	11	16	4	5	5	3	6		566	2
24		10	22	20	38	41	44	40	38	36	38	48	23	29	30	11	7	9	7	7	6	8	7		519	3
25		1	3	3	5	8	10	6	8	3	6	3	0	2	2	1	0	2	0	0	1	1	1		66	32
26		5	3	7	15	16	24	14	13	16	15	9	10	9	11	3	2	3	0	1	1	1	4		182	17
27		6	18	14	18	20	19	18	18	12	9	18	5	8	10	5	4	4	0	0	1	2	2		211	15
28		1	5	2	5	5	8	4	7	9	8	16	5	8	9	6	3	4	2	1	1	0	1		110	24
29		5	17	14	25	30	28	20	21	12	16	22	10	14	16	13	7	5	4	1	2	4	4		290	8
30		1	6	4	3	7	8	5	7	2	4	11	4	5	5	2	1	1	2	0	2	0	0		80	29
31		1	9	15	17	18	30	16	26	12	18	17	9	13	12	6	7	5	3	1	3	3	3		244	10
32		2	13	7	20	16	17	18	20	11	21	18	9	13	14	7	7	9	2	0	2	2	2		230	11
33		0	0	3	2	15	3	7	1	4	1	5	0	3	6	0	0	1	0	1	2	0	0		54	34
34		1	4	12	7	6	15	14	12	14	18	20	7	15	9	10	7	9	5	0	3	4	5		197	16
35		1	5	5	4	13	11	12	14	11	10	8	6	8	6	2	3	2	1	1	1	3	3		130	21
36		0	0	0	0	10	0	1	2	1	0	3	3	2	0	0	0	0	0	0	2	0	0		24	36
total		137	400	357	515	696	685	559	606	410	548	531	272	392	363	166	135	132	77	45	80	75	92		7273	

practicing judo.

V Results

The classifications of the subjects according to their grade and age were done by Maekawa and Otaki, respectively. Classification according to age were made on 1403 subjects, and that according to grade were made on 1197 subjects.

The replies as classified according to age are on Tables 2, 3, 4 and 5.

VI Discussions

Each group of questionnaires will be considered separately.

(A) Group I

A classification of the questions in this group according to the height in the rate of replies is shown in Table 6.

Table 6

Questionnaire I			
Order	Rate of Resp.	Quest. No.	Questions
1	21.7	5	Motivation was due to a friend or acquaintance who had been undergoing training.
2	10.7	13	Judo was selected because, it can be practiced irrespective of the weather.
3	9.5	1	Motivation was due to parents or brothers who had been undergoing training.
4	7.4	16	Was attracted by the kindness of the judo unstructor.
5	6.5	8	Motivation was due to the presence of a judo school nearby.
6	6.0	10	Interest was aroused after watching judo matches.
7	6.0	17	Was attracted by the ease with which judo may be practiced, needs only one partner.
8	4.7	6	Was recommended by the school master.
9	4.5	11	Interest was aroused after seeing a cinema in which judo played an important role.

1) Question 5. This question had the highest rate of replies. The subjects who marked this question consisted mostly of young people from ages 16 to 21. At these ages, boys are full of energy and it is only natural that after a few invitations from their friends or elders, interest in judo would be easily aroused. Consideration must be given to the proper way of arousing interest in people between these ages.

2) Next in the rate of replies is Quest. 13. This had an equally high rate of replies, irrespective of age. This convenience which judo has is a special characteristic of judo training and is worthy of note.

3) Question 1. Also high in the rate of replies, this question showed the importance of the influence of the parents or brothers.

4) The rather high rate of replies to Quest. 8 shows the important role played by the convenient position of the judo school in deciding to undergo training. Consideration must be given to accomodating schools with proper judo halls, or building facilities where judo may be practiced in villages.

5) Question 10 also had a high rate of replies, irrespective of age, showing that the performance of good matches is an important factor in arousing interest in judo.

From the replies to Quests. 11 and 12, it is to be learned that to the young, books and cinema also play important roles in arousing interest in judo.

6) Although the replies to Quest. 17 were not so numerous, it is interesting that the special convenience with which judo may be practiced was also a motivating factor.

7) Of special interest are the responses to Quests. 7, 16, and 6. The low rate of response to Quest. 7 shows that most of those practicing judo started training of their own will, and not under compulsion. The high rate of replies to Quest. 16 disproves the general opinion that the atmosphere in judo shoos is stern and difficult of approach. Replies to Quest. 6 were mostly from those over 19 years of age. Does this imply that the confidence in their school masters have declined since the war?

(B) Group II

A classification of the questions in this group according to the height in the rate of replies is shown in Table 7.

Table 7

Questionnaire II			
Order	Rate of Resp.	Quest. No.	Questions
1	15.7	7	Desire to become strong physically.
2	15.5	6	Judo is good for the health.
3	13.0	11	Desire of composure.
4	9.2	15	Necessary for self-defence.
5	6.1	14	Desire to be efficient in performing smartly.
6	5.8	12	Desire of self-confidence.
7	5.2	3	Judo may be practiced daily even for only a short period.
8	4.9	10	Desire to become brave.
9	4.5	9	Desire to correct one's passiveness.
10	4.1	5	Judo may be practiced even by those who are small in stature.
11	4.1	4	The knowledge of judo makes possible for a small man to overthrow a bigger opponent.

1) Replies to Quest. 7 and 8 were the highest in number. They were mostly replies from subjects of ages between 16 and 20. This indicates the ardent desire to become strong physically, and healthy through judo, and also shows confidence placed in judo as a means of attaining their objective. This expectation was also high among the grade holders (Table 8)

Table 8

	non-grade holders	1st Gr.	2nd, 3rd Gr.	4th-8th Gr.
Desire to become strong physically	58.2	59.7	57.5	52.2
Judo is good for the health	57.3	61.5	57.1	57.8

2) The response to Quest. 11 was second in order, followed by that to Quest. 15. These responses show the confidence placed in judo as a means of obtaining

Table 9

	Composure	Patience	Forbearance
non-grade holder	23.0	16.4	14.6
1st Gr.	27.0	29.5	34.3
2nd, 3rd Gr.	32.4	32.9	33.3
4th-8th Gr.	32.4	33.8	33.3

mental composure and also as a means of self-defense. Classified according to their grades, the replies were as shown in Table 9.

3) The greater part of the response to Quest. 14 came from subjects between the ages 14 and

23, showing the attraction of the beautiful techniques of judo.

The responses to Quests. 4 and 5 show the attraction which judo offers because of the possibility of overthrowing a physically superior opponent.

Summarizing the responses to this group, it is to be noted that much confidence is placed in judo as a means of obtaining bodily strength, health, and mental composure.

(C) Group III

A classification of the questions in this group according to the height in the rate of replies is shown in Table 10.

1) Question 10 of this questionnaire had the highest rate of response, followed by those of Quests. 1 and 11. The rate of response to Quests. 4 and 8 are remarkably low.

From the above it was known that the aptitude considered were:

mentally, aversion to lose, and strong fighting spirit; physically, body weight and height.

(D) Group IV

Much was expected from this group, and 36 questions were allotted. A classification of the questions in this group according to the height in the rate of replies is shown in Table 11.

1) The rate of response to Quest. 21 was the highest, followed in order by those to Quests. 23, 24 and 22. The remarkably high rate of response to the above four questions bespeak the fact that judo training is deeply rooted in the lives of the trainees. From the point of view of the different grade the questions may be classified as in Table 12.

2) The fourth in order were the responses to Quest. 2 and showed high rates, irrespective of age. Questions 6 and 7 of Questionnaire II showed the expectation of gaining

Table 10

Questionnaire III			
Order	Rate of Resp.	Quest. No.	Questions
1	22.6	10	Hate to lose.
2	21.6	1	One's physique is suitable to judo.
3	9.4	11	Possesses much fighting spirit.
4	9.2	6	Possesses strong hip power.
5	8.2	7	Judo is better than sumo.
6	7.8	9	Possesses much endurance.

Table 11

Questionnaire IV			
Order	Rate of Resp.	Quest. No.	Questions
1	8.4	21	The training is hard, but invigorating.
2	7.8	23	After training hard one feels satisfied.
3	7.1	24	The exhilarating feeling after training is wonderful.
4	6.3	2	The body movements become more free.
5	5.7	1	The body becomes remarkably healthy.
6	4.8	22	After absenting from training one feels empty.
7	4.4	17	After a neat throwing performance one feels wonderful.
8	4.0	7	Have come to appreciate the beauty of the techniques.
9	3.7	29	Have acquired composure.
10	3.5	31	Have acquired perseverance.
11	3.2	32	Have acquired forbearance.
12	3.1	20	One feels very happy after overcoming one's opponent.
13	3.1	19	Have acquired a very careful attitude while grappling.
14	3.0	12	Desire to become a grade holder.
15	2.9	27	Have become bold.

health through judo, and the responses to Quests. 2 and 1 of this group testify that the expectations have been actually realized. This fact forms a basis for argument when considering the value of judo in physical culture. Classified according to grade, the replies were as in Table 13.

3) The interest

taken regarding Quest. 17 was generally high, irrespective of age, and the enjoyable feeling experienced after throwing one's adversary seems to be of great import. This shows that the more skillful one becomes in judo, the more interest is aroused, and supplies food for thought in considering the proper method of training.

4) Next in order was the response to Quest. 7. The fact that the subjects have come

Table 12

	The feeling is invigorating	The exhilarating feeling after training	The tranquil feeling as opposed to the hard training
non-grade holders	48.9	38.3	48.0
1st Gr.	53.1	51.3	36.5
2nd, 3rd Gr.	51.6	60.3	49.8
4th—th Gr.	48.5	65.7	48.5

Table 13

	non-grade holders	1st Gr.	2nd, 3rd Gr.	4th-8th Gr.
Have become remarkably healthy	33.8	37.2	45.2	47.1

to appreciate the fine points of judo shows the versatility and the rationality of judo training. Classified according to grade the replies were as follows:

Table 14

	Fine points of the techniques	Beauty of form	Practicability of form	Rationale of judo & life
non-grade holders	20.6	10.4	7.5	12.4
1st Gr.	23.5	11.9	11.1	16.8
2nd, 3rd Gr.	35.6	21.5	13.7	27.4
4th—8th Gr.	44.6	25.5	20.6	51.0

5) Ninth in order was the rate of response to Quest. 29. The rate of response was not exactly high, but it indicates that the expectation in Quest. 11 of Questionnaire II has been fully realized.

6) Next in order were the responses to Quests. 31 and 32. The substance of the two questions being nearly alike, the tendency of the responses were also nearly identical. It is to be noted that the training in judo has a very desirable influence on the formation of one's character.

7) Among the responses to the other questions, those to Quests. 14, 11 and 10 were comparatively high. Also of interest is the attitude toward Quest. 12, showing that the attraction of the black belt cannot be too lightly neglected.