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t-test

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**Abstract :** This study aimed to discover the most important traits which distinguish the characters of deaf, blind, and physically handicapped people .

The researchers prepared a questionnaire for the traits which distinguish the deaf, blind, and physically handicapped characters. The questionnaire was applied on a sample of the worked and trained handicapped in 18 rehabilitation societies in different places of Gaza governorates. The sample was consist of 577 male and female handicapped and they represent 10% from the main target population for the three disabilities, only (498) completed questionnaires were included and analyzed.

The researchers used mean, percentage, and standard deviation to calculate the frequencies, and the results shown that the social dimension for the sample took the first rank compared with the questionnaire dimensions. While the mental dimension took the last rank. Also, t-test is used to know the differences between the two sexes and the two age groups of the traits, where as the average for male was higher than it for female in the psychological, social, and religious dimensions. More over the results shown that there were differences in the independent and religious dimensions for the age of 19 or more. Furthermore, the ONE WAY ANOVA was used to know the differences according to the sort of disability and the educational level, where as the differences were in favor of deaf in the social dimension only; and in favor of high degree of education in the physical, psychological, independent, and mental dimensions.

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(101 :1983 ) (9 :2002 ) .

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" : **:(Amatzia Weisel & Ahiya kamara, 2004)**

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T.test

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(30) (6) (180)  
(1974) (19-12)  
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" " : (Kyk, J.G, wood, p.l, 1995)

55-25 (105)

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T.test

" : (Sounders, J.etal, 1987)

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" : : (Faster, S., 1987)

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T.test

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(64) (76) (140)  
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": **:(Koubekova,2000)**  
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T.test

.One Way Anova

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(172) (213) (192) (577)  
(18)  
(%90.17) (516)  
(%86.30) (498) (18)  
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					<b>%10</b>	
%98.43	-	3	189	192	192	
%75.58	12	52	161	213	213	
%96.51	6	6	166	172	172	
%90.17	18	61	516	577	577	

(1)

(2)

				<b>19</b>	<b>18-12</b>						
86	69	227	116	302	196	160	149	189	198	300	
17.27	13.86	45.58	23.29	60.64	39.36	32.13	29.92	37.95	39.76	60.24	
%100				%100		%100			%100		

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(91) (%80)

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5	70.40	2.796	14.079	2661	189	10	
4	76.31	10.600	54.942	10384	189	36	
1	86.55	2.360	12.116	2290	189	7	
3	78.38	4.121	26.651	5037	189	17	
6	69.50	4.562	13.899	2627	189	10	
2	80.32	3.052	16.063	3036	189	10	
	76.53	21.730	137.751	26035	189	90	

(3)

(4) (%76.31)

3	73.94	3.393	11.831	2236	189	8	
1	90.74	1.802	10.889	2058	189	6	
6	68.62	1.976	6.862	1297	189	5	
4	73.81	2.384	7.381	1395	189	5	
2	77.85	2.786	10.899	2060	189	7	

5	70.79	1.924	7.079	1338	189	5	
	76.31	10.600	54.942	10384	189	36	

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5	73.49	3.373	14.698	2190	149	10	
4	75.58	8.999	54.416	8108	149	36	
1	83.32	2.353	11.664	1738	149	7	
3	76.96	5.516	26.168	3899	149	17	
6	69.06	4.125	13.812	2058	149	10	
2	82.72	2.858	16.544	2465	149	10	
	76.28	20.265	137.302	20458	149	90	

(5)

(6) (%75.58)

3	72.82	3.078	11.651	1736	149	8	
1	91.44	1.619	10.973	1635	149	6	
6	68.72	2.018	6.872	1024	149	5	

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4	71.81	2.257	7.181	1070	149	5	
2	77.47	2.541	10.846	1616	149	7	
5	68.93	1.733	6.893	1027	149	5	
	75.58	8.999	54.416	8108	149	36	

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5	70.31	3.539	14.063	2250	160	10	
4	73.45	11.329	52.881	8461	160	36	
1	79.55	3.037	11.138	1782	160	7	
2	79.10	6.598	26.894	4303	160	17	
6	64.97	4.909	12.994	2079	160	10	
3	78.66	3.729	15.731	2517	160	10	
	74.28	26.551	133.700	21392	160	90	

(7)

(8)

3	70.47	3.359	11.275	1804	160	8	
1	89.90	2.039	10.788	1726	160	6	
6	66.38	2.033	6.638	1062	160	5	
5	67.38	2.349	6.738	1078	160	5	
2	75.18	2.931	10.525	1684	160	7	
4	69.19	2.083	6.919	1107	160	5	
	73.45	11.329	52.881	8461	160	36	

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T.test

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independent sample

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	" "					
	0.587	2.950	14.196	97		
		2.635	13.957	92		
	1.149	10.998	55.804	97		
		10.143	54.033	92		
	0.721	2.081	12.237	97		
		2.629	11.989	92		
0.05	2.281	3.398	27.309	97		

/ . . .

		4.686	25.957	92		
	0.024	4.470	13.907	97		
		4.682	13.891	92		
	0.040	2.705	16.072	97		
		3.395	16.054	92		
	1.154	20.847	139.526	97		
		22.586	135.880	92		

**1.96 = ( $\alpha \leq 0.05$ )** (187) " " \*

**2.58 = ( $\alpha \leq 0.01$ )** (187) " " \*\*

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" " ( 10 )

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	" "					
	0.295	3.514	14.644	104		
		3.055	14.822	45		
	0.767	9.038	54.788	104		
		8.951	53.556	45		
	0.598	2.348	11.740	104		
		2.380	11.489	45		
	0.082	5.864	26.192	104		
		4.672	26.111	45		
	-0.106	4.168	13.788	104		
		4.071	13.867	45		
	0.216	2.882	16.577	104		
		2.833	16.467	45		

	0.391	21.342	137.731	104		
		17.711	136.311	45		

**1.96 = ( $\alpha \leq 0.05$ )** (147) " " \*

**2.58 = ( $\alpha \leq 0.01$ )** (147) " " \*\*

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	" "					
	-1.067	3.143	13.828	99		
		4.101	14.443	61		
0.01	2.661	9.761	54.717	99		
		13.035	49.902	61		
0.01	3.044	2.484	11.697	99		
		3.607	10.230	61		
	1.000	5.833	27.303	99		
		7.684	26.230	61		
	-0.741	4.886	12.768	99		
		4.963	13.361	61		
0.01	2.650	3.399	16.333	99		
		4.052	14.754	61		
	1.801	22.643	136.646	99		
		31.514	128.918	61		

**1.96 = ( $\alpha \leq 0.05$ )** (158) " " \*

**2.58 = ( $\alpha \leq 0.01$ )** (158) " " \*\*

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One Way ANOVA

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	" "					
	1.972	20.495	2	40.99		
		10.393	495	5144.59		
			497	5185.58		
	1.786	193.112	2	386.22		
		108.116	495	53517.30		
			497	53903.53		
0.01	6.164	41.516	2	83.03		
		6.735	495	3333.64		
			497	3416.67		
	0.711	21.003	2	42.01		
		29.529	495	14616.95		
			497	14658.96		
	1.985	41.151	2	82.30		
		20.733	495	10262.82		
			497	10345.12		
	2.457	25.666	2	51.33		
		10.448	495	5171.65		

			497	5222.98		
	1.541	814.591	2	1629.18		
		528.566	495	261640.32		
			497	263269.50		

3.02 = ( $\alpha \leq 0.05$ ) (497 2) " " \*

4.66 = ( $\alpha \leq 0.01$ ) (497 2) " " \*\*

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(13)

11.138=	11.664=	12.116=	
-	-	-	12.116=
-	-	0.452	11.664=
-	0.527	*0.979	11.138=

0.05

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T.test independent sample

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	" "					
	-0.877	2.821	13.962	132	18-12	
		2.742	14.351	57	19	
	-0.049	10.856	54.917	132	18-12	
		10.073	55.000	57	19	
	-0.091	2.218	12.106	132	18-12	
		2.682	12.140	57	19	
	0.042	3.860	26.659	132	18-12	
		4.708	26.632	57	19	
	1.173	4.575	13.644	132	18-12	
		4.516	14.491	57	19	
	0.123	2.991	16.045	132	18-12	
		3.216	16.105	57	19	
	0.402	21.521	137.333	132	18-12	
		22.368	138.719	57	19	

**1.96 = ( $\alpha \leq 0.05$ ) (187) " " \***

**2.58 = ( $\alpha \leq 0.01$ ) (187) " " \*\***

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	" "					
	-0.467	3.051	14.488	41	18-12	
		3.497	14.778	108	19	
0.05	-1.998	9.039	52.049	41	18-12	
		8.861	55.315	108	19	
	0.137	2.337	11.707	41	18-12	
		2.369	11.648	108	19	
	-1.601	5.182	25.000	41	18-12	
		5.597	26.611	108	19	
	1.010	3.773	14.366	41	18-12	
		4.249	13.602	108	19	
0.05	-2.297	3.070	15.683	41	18-12	
		2.718	16.870	108	19	
	-1.494	19.826	133.293	41	18-12	
		20.313	138.824	108	19	

**1.96 = ( $\alpha \leq 0.05$ )** (147) " " \*

**2.58 = ( $\alpha \leq 0.01$ )** (147) " " \*\*

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( 19 18-12 )

	" "					
	-1.824	3.460	12.826	23	18-12	
		3.522	14.270	137	19	

0.01	-3.773	15.004	44.957	23	18-12	
		10.062	54.212	137	19	
0.05	-2.501	3.573	9.696	23	18-12	
		2.883	11.380	137	19	
0.01	-3.984	6.990	22.043	23	18-12	
		6.192	27.708	137	19	
0.01	-4.190	4.145	9.217	23	18-12	
		4.751	13.628	137	19	
0.01	-3.156	4.501	13.522	23	18-12	
		3.467	16.102	137	19	
0.01	-4.422	29.984	112.261	23	18-12	
		24.248	137.299	137	19	

**1.96 = ( $\alpha \leq 0.05$ )** (158) " " \*

**2.58 = ( $\alpha \leq 0.01$ )** (158) " " \*\*

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One Way ANOVA

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	" "					
0.01	12.580	122.684	3	368.053		
		9.752	494	4817.531		
			497	5185.584		
0.01	6.125	644.410	3	1933.230		
		105.203	494	51970.298		
			497	53903.528		
	0.721	4.967	3	14.902		
		6.886	494	3401.765		
			497	3416.667		
0.01	12.756	351.309	3	1053.928		
		27.541	494	13605.030		
			497	14658.958		
0.01	5.797	117.268	3	351.804		
		20.229	494	9993.321		
			497	10345.124		
0.05	3.558	36.826	3	110.477		
		10.349	494	5112.503		
			497	5222.980		
0.01	9.529	4800.672	3	14402.015		
		503.780	494	248867.489		
			497	263269.504		

**2.62 = ( $\alpha \leq 0.05$ )**

**(497 3)**

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**3.83 = ( $\alpha \leq 0.01$ )**

**(497 3)**

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<b>146.988=</b>	<b>139.275=</b>	<b>133.744=</b>	<b>131.672=</b>	
-	-	-	-	131.672=
-	-	-	2.072	133.744=
-	-	5.531	7.603	139.275=
-	7.713	*13.244	*15.316	146.988=

**0.05**

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(%86.55)

Kyk J. wood (1995)

(1998)

Saunders etal (1987)

Faster (1987)

(%80.32)

(%78.387)

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(%70.40)

(%69.50)

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(%83.32)

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(%76.96)

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Koubekova (2000)

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Fitchin etal (1989)

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Al Masri (1992) (1992)  
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Faster (1987)

Amatiza & Kamera (2004)

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		:(1993)	.6
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		.231-179	
	:	:(2001)	.10
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		.213-207	
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		:(1995)	.13
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		:(1992)	.14
		.177-149	
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		:(1995)	.16
(1995)	19-16		
		.113-109	
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		:(1995)	.18
		.299-195	
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	.2003	4-3	
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		:(1995)	.30
	.86-76		
		23	
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