

**2011 147-115**

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**ISSN 2070 - 3147**

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## **ABSTRACT**

This study aimed to determine the level of knowledge of Palestine's map in the universities of (Alaqsa- Alazhar-Islamic), and aimed to know the impact of variables of university, college, gender, the study of Palestine's geography course before and after joining the university, Academic Level and grade on the level of knowledge of Palestine's map academic procurement.

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So, a direct choice test of 21 paragraphs was designed to locate the places on map, and the test focused on three targets (Names of maps, Shape of maps ,and Palestine's map) also the test was verified and checked by scientific and statistical ways and applied to 2758 students, about 8% of Gaza universities' students registered newly in the term of 2008\2009 . The findings were disappointing, which the level decreased by 48.8%, that means the level didn't reach the lowest recommended level which is 60%, the study showed statistical differences at the level of 0.05%. The knowledge of maps was affected by the factors of gender, college, the study of Palestine's geography course, and the academic procurement. In light of this, some recommendations were presented .

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Torrens (2001)      Marran (1992)

Keeling (2003)

Eve et. Al, (1994 )

Bien,s (1990)

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35.6                    %45

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Eve et al., (1994)

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<b>5.26</b>	110	2092	<b>6.89</b>	61	885		
<b>6.96</b>	85	1221	<b>9.62</b>	58	603		
<b>7.50</b>	415	5531	<b>5.90</b>	95	1610		
<b>5.60</b>	50	893	<b>4.88</b>	65	1333		
<b>12.10</b>	88	727	<b>5.57</b>	23	413		
<b>7.96</b>	83	1043	<b>6.17</b>	128	2074		
<b>5.57</b>	16	287	<b>4.79</b>	18	376		
<b>7.18</b>	<b>847</b>	<b>11794</b>	<b>6.14</b>	<b>448</b>	<b>7294</b>		
<b>5.50</b>	45	818	<b>5.59</b>	63	1127		
<b>4.81</b>	101	2098	<b>5.92</b>	70	1182		
<b>3.68</b>	29	789	<b>5.96</b>	127	2130		
<b>9.19</b>	17	185	<b>4.43</b>	14	316		
<b>12.02</b>	28	233	<b>5.92</b>	29	490		
<b>4.88</b>	62	1270	<b>3.81</b>	26	682		
<b>5.23</b>	<b>282</b>	<b>5393</b>	<b>5.55</b>	<b>329</b>	<b>5927</b>		
<b>5.33</b>	66	1238	<b>5.80</b>	33	569		
<b>5.07</b>	451	8901	<b>5.28</b>	206	3903		
<b>11.81</b>	17	144	<b>15.75</b>	43	273		
<b>11.22</b>	11	98	<b>3.55</b>	5	141		
<b>5.25</b>	<b>545</b>	<b>10381</b>	<b>5.87</b>	<b>287</b>	<b>4886</b>		

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51.2	4.29	10.76	1064		
47.3	4.54	9.94	1674		
48.8	4.28	10.25	1298		
51.8	4.68	10.88	622		
46.5	4.51	9.77	838		
53.7	4.29	11.27	351		
47.0	4.61	9.88	1348		
49.3	4.01	10.36	335		
50.0	4.12	10.5	146		
51.7	4.27	10.86	278		
56.2	4.27	11.8	122		
40.5	3.99	8.5	172		
45.5	<b>4.78</b>	9.56	681		
49.9	4.44	10.47	857		
49.9	4.22	10.48	685		
50.0	4.25	10.49	487		
56.9	4.05	11.94	18		
45.5	4.57	9.56	181	%70	
48.7	4.48	10.23	1350	%80 - 70	
49.0	4.37	10.3	980	%90 - 80	
53.4	4.4	11.21	195	%90	
54.5	4.38	11.44	701		
46.9	4.41	9.84	2033		
50.0	4.43	10.51	1670		
49.6	4.47	10.42	1057		
48.8	4.46	10.25	2758		

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70.00	1.57	3.5	5	
62.20	1.38	3.11	5	
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48.81	4.46	10.25	21	

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16.4	453	77.1	2127	1
12.9	356	75.9	2092	2
28.6	788	60.8	1678	3
24.5	675	54.7	1509	4
36.8	1016	49.3	1306	5
36	992	36.1	997	6
21	579	72.8	2008	7
19.3	531	54	1488	8
7.9	219	89.6	2471	9
6.2	172	90.6	2499	10
33.1	914	49.1	1355	11
41	1131	31.1	857	12
45.7	1261	12.8	352	13
34.4	948	60	1655	14
46.9	1293	32.7	903	15
52.8	1456	23	633	16
20.5	565	45.8	1263	17
56.4	1556	10.7	296	18
51.1	1409	9.8	271	19
53.8	1484	21.3	588	20
27.7	763	67.5	1862	21

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**Mann- Whitney** : (6)

Sig	Z	Mann Whitney				MEAN RANK		
*0.000	-5.69	779870	8.9	1.53	3.70	1473.5		
				1.58	3.37	1303.4		
*0.000	-5.28	786373	8.2	1.36	3.28	1467.4		
				1.39	3.01	1307.3		
*0.000	-2.65	837511	6.1	2.55	3.78	1419.4		
				2.63	3.55	1337.8		
*0.000	-4.83	793405	7.6	4.29	10.76	1460.8		
				4.54	9.94	1311.5		

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Winship (2004)

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**Kruskal-Wallis** : (7)

Sig	df	Chi-square			MEAN RANK			
*0.000	2	42.9	1.51	3.60	1424.5	1298		
			1.56	3.67	1476.9	622		
			1.63	3.21	1237.6	838		
*0.000	2	29.6	1.31	3.19	1420.4	1298		
			1.47	3.23	1456.2	622		
			1.40	2.90	1259.3	838		
*0.000	2	12.9	2.52	3.46	1329.4	1298		
			2.88	3.99	1465.8	622		
			2.47	3.65	1393.0	838		
*0.000	2	19.9	4.28	10.25	1382.4	1298		
			4.68	10.88	1484.5	622		
			4.50	9.77	1297.1	838		

(622) (1298) :

(838)

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**Mann- Whitney Test** : (8)

Sig	Z	Mann Whitney				MEAN RANK		
0.41	0.83-	342193	0.9	1.51	3.64	867.4		
				1.56	3.67	887.4		
0.78	0.28-	347468	0.9-	1.28	3.25	872.1		
				1.47	3.23	878.9		
0.06	2.17-	328433	8.9	2.52	3.63	855.2		
				2.88	3.99	909.5		
0.14	1.48-	335276	3.3	4.26	10.52	861.3		
				4.68	10.88	898.5		

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## Kruskal-Wallis

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Sig	df	Chi-square			MEAN RANK		
*0.000	6	63.5	1.44	3.75	1490.1	351	1
			1.66	3.29	1290.3	1348	2
			1.49	3.56	1392.4	335	3
			1.47	3.66	1449.2	146	4
			1.37	3.85	1546.5	278	5
			1.22	4.14	1694.4	122	6
			1.53	3.33	1274.3	172	7
*0.000	6	66.6	1.37	3.33	1512.3	351	1
			1.41	2.95	1289.3	1348	2
			1.28	3.19	1410.8	335	3
			1.25	3.37	1518.1	146	4
			1.29	3.37	1519.5	278	5
			1.38	3.57	1659.5	122	6
			1.39	2.81	1209.8	172	7
*0.000	6	62.4	2.61	4.19	1550.0	351	1
			2.60	3.64	1377.8	1348	2
			2.50	3.61	1383.6	335	3
			2.37	3.46	1345.5	146	4
			2.61	3.65	1376.8	278	5
			2.96	4.09	1499.7	122	6
			2.23	2.35	984.5	172	7
*0.000	6	72.7	4.29	11.27	1561.1	351	1
			4.61	9.88	1315.2	1348	2
			4.09	10.36	1396.1	335	3
			4.12	10.50	1428.5	146	4
			4.27	10.86	1489.8	278	5
			4.27	11.80	1644.7	122	6
			3.98	8.50	1071.8	172	7

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Kruskal- Walhis Test

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**Mann- Whitney : (10)**

Sig	Z	Mann Whitney				MEAN RANK		
0.150	1.44-	854766	2.4	1.57	3.47	1347.3		
				1.56	3.55	1390.3		
0.354	0.93-	864458	1.8	1.39	3.09	1353.1		
				1.36	3.15	1381.2		
0.132	1.50-	852662	3.9	2.60	3.59	1346.1		
				2.59	3.73	1392.3		
0.073	1.79-	846806	2.7	4.43	10.15	1342.6		
				4.47	10.42	1397.9		

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**Mann- Whitney** : (11)

Sig	Z	Mann Whitney				MEAN RANK		
*0.000	-4.7	631084	7.7	1.53	3.71	1483.7		
				1.58	3.42	1327.4		
*0.000	-4.91	626059	8.7	1.36	3.33	1490.9		
				1.38	3.04	1324.9		
*0.000	-8.71	556778	23.2	2.64	4.40	1589.7		
				2.53	3.38	1290.9		
*0.000	-7.99	568869	14	4.38	11.44	1572.5		
				4.41	9.84	1296.8		

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Kruskal-Wallis : (12)

Sig	df	Chi-square			MEAN RANK		
*0.000	4	36.86	1.65	3.21	1226.2		
			1.52	3.57	1397.3		
			1.54	3.55	1383.2		
			1.52	3.69	1459.5		
			1.31	4.22	1754.8		
*0.040	4	15.27	1.48	2.93	1275.6		
			1.34	3.14	1369.9		
			1.31	3.19	1399.2		
			1.39	3.20	1420.4		
			1.46	3.56	1634.4		
*0.032	4	10.57	2.71	3.42	1286.9		
			2.67	3.76	1397.7		
			2.51	3.75	1398.4		
			2.45	3.60	1360.1		
			2.23	4.17	1550.3		
*0.000	4	23.05	4.78	9.56	1246.4		
			4.44	10.47	1395.5		
			4.23	10.48	1405.4		
			4.23	10.49	1405.5		
			4.05	11.94	1693.1		

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## Kruskal-Wallis : (13)

Sig	df	Chi-square			MEAN RANK		
*0.000	3	18.52	1.60	3.21	1196.3		
			1.58	3.47	1340.2		
			1.55	3.53	1367.1		
			1.44	3.85	1523.6		
*0.000	3	17.86	1.41	2.91	1242.9		
			1.39	3.07	1328.2		
			1.34	3.15	1370.9		
			1.35	3.45	1543.6		
0.317	3	3.53	2.73	3.44	1276.4		
			2.60	3.69	1362.6		
			2.55	3.61	1342.4		
			2.71	3.92	1418.1		
*0.040	3	13.11	4.57	9.56	1226.9		
			4.48	10.23	1344.6		
			4.38	10.30	1357.4		
			4.40	11.21	1512.8		

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