

Group 1:

1. Perform the test of hypothesis for one population using the SPSS at test value = 19

Age of IT 1201									
19	20	18	18	20	22	22	19	19	20
17	18	19	19	20	20	18	18	19	20
19	18	18	18	18	19	19	20	19	18

2. Perform the test of hypothesis for two populations (independent)

MATH 111 QUIZ 1 of IT 1201	MATH 111 QUIZ 1 of IT 1202
80	60
76	63
75	69
66	60
74	50
34	61
85	53
44	32
43	87
63	62
31	66
90	60
40	61
71	61
74	80
45	77
37	29
70	81
39	73
73	30
35	59
60	66
50	55
52	73
31	46
52	57
82	70
31	40
43	41
52	64
45	72
37	89
46	68
81	65
60	71
81	69

3. Perform the test of hypothesis for two populations (independent) in SPSS

Teaching Strategies Applied in Mathematics Teaching

<b>Pre Test Score</b>	10	13	5	7	9	11	11	4	8	3
<b>Post Test Scores</b>	12	13	10	7	9	11	11	8	10	10
<b>Pre Test Score</b>	3	5	8	7	10	11	7	8	13	14
<b>Post Test Scores</b>	9	6	10	12	15	15	10	10	14	15

4. Perform the test of hypothesis for the significance of the relationship in SPSS

X – km of running

Y – the number of pulse

X	Y
1	100
1.5	110
2	120
2.5	130
3	140
3.5	150
4	160
4.5	170
5	180

5. Perform the ANOVA in the SPSS

J. PALUBON of JFP Research Inc. tests the lifetimes (in hours) of three disks. The data are shown below.

Disk A	Disk B	Disk C
256	188	283
278	268	251
304	256	366
255	199	211
208	345	209

Group 2

Perform the test of hypothesis for one population using SPSS at the test value = 42

Weight of IT 1201 in Kg									
45	35	40	35	39	45	56	58	55	49
37	39	45	44	53	50	47	44	35	33
35	35	38	38	40	40	41	45	38	37
117	109	123	117	132	135	144	147	128	119

2. Perform the test of hypothesis for two populations (independent) in SPSS

MATH 111 QUIZ 2 of IT 1201	MATH 111 QUIZ 2 of IT 1202
83	54
86	72
94	52
56	65
90	60
48	59
92	74
54	66
84	82
76	60
64	47
83	52
61	49
90	45
53	69
91	74
86	66
84	80
82	55
95	65
63	48
93	50
95	52
89	68
76	53
73	51
90	72
54	53
52	39
89	49
93	67
55	64
89	75
86	72
85	82
95	60

3. Perform the test of hypothesis for two populations (independent) in SPSS

The number of leaves after applying the self-made fertilizers

Before	5	6	4	3	5	4	3	7	8	5
After	10	12	11	10	9	10	8	12	15	8
Before	6	4	5	7	3	2	4	7	5	5
After	10	9	7	11	8	7	8	10	13	12

4. Perform the test of hypothesis for the significance of the relationship in SPSS

X – the age

Y – the height in cm

X	Y
18	160
19	155
18	145
19	158
20	130
20	159
18	167
18	169
21	171

5. Perform the ANOVA in the SPSS

Esther Cabero, a manager of EGDC Manufacturing Company, wants to see whether the average time(in minutes) it takes her employees to commute to work is different for three groups. The data is shown below.

Managers	Sales	Office Clerks
60	80	70
45	48	45
75	55	39
48	29	32
	32	45
	38	
	59	

Group 3

Perform the test of hypothesis for one population using the SPSS at test value = 146

Height of IT 1201 in cm									
160	180	165	155	158	149	144	138	135	165
165	160	155	148	145	127	138	135	129	140
134	146	148	135	137	138	139	140	145	140

2. Perform the test of hypothesis for two populations (independent) in SPSS

MATH 408 QUIZ 1 of IT 2202	MATH 408 QUIZ 1 of IT 2201
53	85
60	86
56	83
44	83
64	73
66	96
64	57
68	83
42	96
58	88
64	98
57	87
43	90
57	77
48	84
56	80
59	74
62	83
49	85
50	86
57	86
55	87
43	82
44	82
	81
	62
	89
	86
	77
	90
	87
	82

3. Perform the test of hypothesis for two populations (independent) in SPSS

After applying the study habits and their grades

Before	76	80	88	81	87	85	79	80	83	81
After	85	86	90	87	93	89	85	88	89	90
Before	80	82	85	88	89	90	88	85	87	86
After	90	91	94	90	90	93	92	91	93	89

4. Perform the test of hypothesis for the significance of the relationship in SPSS

X – the number of hours spent

Y – the midterm Scores

X	Y
1	45
2	50
3	55
4	57
5	65
6	68
7	80
8	88
9	95

5. Perform ANOVA in the SPSS

A marketing analyst wishes to see whether there is a significance difference in the average time a customer has to wait in a check out line in three supermarkets in Batangas City.

SM	Walter Mart	Bay Mall
3	1	5
2	3	8
5	4	9
6	2	6
3	7	2
1	3	5