



Final Exam- First semester: First Trial 2023- 2024

Q1\A Chose the correct answer: (5 marks)

- 1- In which sub-dialog box can the Chi Square test be found
A) Crosstabs: Statistics B) Crosstabs: cell C) Frequency: plots D) Explore: Plots
- 2- The merge files facility is located under which menu
A) View B) Transform C) Analyze D) Data
- 3- With IBM SPSS you can assign one of three levels of measurement to a variable which is the correct list of all three levels
A) Scale – Ordinal –Ratio B) Interval – Nominal – Scale
C) Nominal–Ordinal–Categorical D) Nominal–Ordinal–Scale

Q1\B Write the steps in application

- 1- Power estimation.
- 2- Sort cases.

Q2\A (5 marks)

- 1- What is the deference between paired sample T test and independent sample T test?
- 2- What is the deferent between Recode into Same Variables and Recode into Difference variables?

Q2\B
The following data represent information about (**Social state &Gender**) (7 marks)

	Single	Married	Divorced
Male	25	45	20
Female	35	30	45

- 1- haw can entry data in to the program SPSS (جون داخلي نثو داتا بة دمه كهين).
- 2- Write test hypotheses.

Q3\ From the following analysis

(8 marks)

1-

ANOVA					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	39.500	2	19.750	.616	.562
Within Groups	288.750	9	32.083		
Total	328.250	11			

2-

Test of Homogeneity of Variance

	Levene Statistic	df1	df2	Sig.
x Based on Mean	.774	1	12	.396
Based on Median	.685	1	12	.424
Based on Median and with adjusted df	.685	1	9.425	.428
Based on trimmed mean	.751	1	12	.403

1- Write hypothesis?

2- Is significant? Why?

3- Write steps to apply this analysis?

Good Luck