UGANDA MANAGEMENT INSTITUTE

POSTGRADUATE DIPLOMA IN MONITORING & EVALUATION

DATA MANAGEMENT & ANALYSIS TEST

Coursework for DME DL VI   (*Hand in/submission date Feb 2018*)

Instructions:

1. Attempt all questions

2. Import "Depress.xls" from the Desktop to SPSS and make modifications to the variables as hereunder.

3. Please, save your **SPSS data file** *and* **Output file** *as* **"Your Registration Number + Your Surname"**. *Then submit for marking the modified data file, the output file, and an MS Word interpretation.*

You are carrying out a research to determine the level of depression in a certain community. You sampled 326 households and the data is attached in an excel file named, "depression". The variables include: Gender, Age, Agegp, Educ, Educgps, and depression.

Question 1

Import the "depression" data from MS Excel into SPSS and modify it as follows: [**5 Mrks**]

Variable	**Value**	**Measure**
ID:		Scale
Gender:	1=Male; 2=Female	Nominal
Age:		Scale
Agegp:	1 = Under 34; 2 = 35 and above	Ordinal
Educ:	1=Primary; 2=Some Secondary; 3=Completed Secondary	
	4=Additional training; 5=Undergraduate; 6= Graduate	Ordinal
Educgps:	1=Non tertiary; 2= Tertiary	Ordinal
Depression:	0= Not depressed; 1=Mild to severe depression	Ordinal

Assign the ***missing*** values as appropriate

Question 2

What is the number and percentage of the respondents by Educ. Interpret your findings [1 Mrks]

Question 3

What is the number and percent of Male respondents who are Not depressed within Depression. Explain your observations.   [2 Mrks]

Question 4

Generate a histogram showing normal curve based on the variable Age in complete years of. Interpret your output   [2 Mrks]

Question 5

What is the number and percent of Female respondents who are under 30 years of age and are graduates. Explain your observation.   [3 Mrks]

Question 6

Do these data contradict the null hypothesis that men and women have equal age? Please, interpret your statistics.   [3 Mrks]

Question 7

Recode Age into different variable as follows: 1 = up to 28 yrs; 2 = 29-38 yrs; and 3 = 39 yrs and above. Assign the variable name "Agegrp" and the label as "New age group". Generate the frequency and interpret your output   [4 Mrks]

~~~Good Luck~~