



SECI2143: PROBABILITY & STATISTICAL DATA ANALYSIS
2020/2021 – SEMESTER 2

QUIZ 1

Name : _____
Student ID : _____ Section : _____
Date : _____

Marks: _____
20

QUESTION 1

[5 MARKS]

Complete Table 1 by identifying data type and levels of measurement:

- Data Type (qualitative, quantitative)
- Level of Measurement (nominal, ordinal, interval, ratio)

Table 1

No	Variable	Data Type	Level of Measurement
1	The types of modules available to study		
2	Your status as a full-time or part-time student		
3	Would your overall rating of the restaurant be excellent, good, fair or poor?		
4	What is the approximate distance of UTM from your home?		
5	The weight of a new born baby		

QUESTION 2

[15 MARKS]

During MCO, among the popular Internet activities carried out by the Internet users in Malaysia were participating in social networks. From a survey, the time spent (in minutes) participating in social networks in a day for 28 internet users are as follows:

150	152	154	155	156	158	161
161	162	162	163	164	164	165
163	164	166	166	166	167	168
169	170	170	171	171	172	174

Based on the above dataset, find the following measures:

- Mode
- Median
- Calculate 70th percentile.
- Draw the skeletal Box-Plot.