QUIZ #2

Meohon 201 Name Key

Total 12 points	Please show all your w	vork.
1. (3 pts) Determine	whether the numerical value describe	e a parameter or a statistic.
a) Nineteen percent daily.	of a sample of Indiana ninth graders s	surveyed said they smoked cigarettes
		Statistic
b) In a recent study of	of math majors at a university, 20 stud	dents were minoring in physics.
		Parameter
c) In January of 2010, 48% of the governors of the 50 states in the United States wer		tes in the United States were
Republicans.	W	Porometer
2. (3 pts) Identify the	data set's level of measurement (nor	ominal, ordinal, interval, ratio):
a) the years of birth f	or the marathon runners	Interval Nominal
b) student ID number	rs	
c) heights of air ballo	oons	Retio
convenience):	sampling technique used (random, c	
a) A student asks 18	friends to participate in a psychology	ood alcohol level. Systemati
b) The policeman sto	ps and checks every 9 th driver for blo	ood alcohol level. Systemat
c) At a big local com	munity center there are 10 ESL (Enginterviews all of the students from 2	glish Second Language) classes
	is a	Clusten
· · ·	ch method of data collection you wor vey, observation, experiment, simular	
a) A study on the effe	ect of low dietary intake of Vitamin (C and iron on lead levels in adults

b) a study of how fast the virus would spread in a metropolitan area

c) a study of how fourth grade students solve a puzzle

Experiment Simulation Observation