Practice 1 STA2023

<ul> <li>1) Statistics is the science of conducting studies to</li> <li>A) collect, organize, summarize, analyze, and draw conclusions from data</li> <li>B) hypothesize, experiment, and form conclusions</li> </ul>					
Statistics is the science of	f collecting, analyzing, pres	senting, and interpreting	g data.		
2) A consists A) variable	of all subjects that are B) population	being studied. C) group	D) sample	2)	В
In statistics, a population conclusions about, while The sample is carefully se	is the entire group of peopl	le or things that a researce population that the researce racteristics of the popula	cher wants to draw archer will collect data from.		
B) A population is	ng correctly describes oup of populations that a group of samples that oup of subjects selecte	t are subject to obse t may or may not be	rvation. e included in a study.	3)	C
the world population A) inferential statist  Descriptive statistics summare population that the sample in a meaningful way. Inference of the summary, descriptive statistics are summared to the summary of the summary	is predicted to be 8 bil tics marize a sample of data, where represents. Descriptive star mential statistics are used to	lion people.  B) descriptive solution inferential statistics unattistics are used to organic compare data, make preven outcomes from a possible.		4)	A

online survey of 500 Virginia Tech students between spring 2010 and spring 2011, 31% said that they had missed class because of alcohol consumption.					Б
A) inferential statis	tics	B) descriptive statistics			
s) A(n) variable assumes values that can be counted.				6)	В
A) quantitative	B) discrete	C) continuous	D) enumerable		
	inting. Continuous data incl	s whole, concrete numbers wi udes complex numbers and v		red	
7) The amount of time needed to run the Boston marathon is an example of which type of variable?					A
A) continuous	B) temporal	C) qualitative	D) discrete		
		uments will enable it to be me	easured to any subdivision	of a u	nit.
<ul><li>8) Determine which of the following describes quantitative data.</li><li>i). the name of a chemical sample</li><li>ii). the mass of a chemical sample</li><li>iii). the color of a chemical sample</li></ul>					A
A) ii only	B) i, ii, and iii	C) i and ii only	D) i only		
		neasured; it refers to numerica tt not measured—such as colo			
B) the time remain C) the number of n	lowing data are continued the file has been of the file has been of the file has been of the file has been detailed by the fil	lownloaded download		9)	В
Number of es a ke time itself is continue		since "number of" is alway	s countable quantity; whil	e	