14. Within E-mail etiquette, what is the use of WORDS IN CAPITAL LETTERS equivalent to doing orally? _SHOUTING AT The Reader_ (p.24).

15. What do mailing lists allow? _Conversations with groups of people._ (p.27)

16. After thoroughly researching the background of a scientific topic and formulating our own ideas, what do we produce in order to explain any unanswered questions? _hypothesis_ (p.28)

17. Regarding populations and sampling, a sample is used for what simple purpose during an investigation? _collect data_ (p.29)

18. What are two major constraints that are responsible for limiting the size of a sample when one is conducting scientific population sampling? _Time & money or Lack of two major Contraints_ (p.30)

19. Under what circumstance is it sufficient to use a small number (sample size) when comparing two experimental samples? _If we are expecting to see a large difference in two compared samples_ (p.30)

20. Regarding the methodology for scientific investigation, when the investigation is laboratory-based, for what purpose is an analytical method used? _Vali date the experimental conditions._ (p.32)

Data Analysis STEM 233 Exercise 2   RE: (Chapter 2, Data Analysis and Presentation Skills)

Name _Samyra Gilliam_   Date _8/19/2020_

01. What do spiders or crawlers that feed search engines on a regular basis do to populate the engines?
allow the picking of a keyword from new sites that are stored in databases (p.15).

02. What is the name of the tools that link keywords in specific ways during web searches?
Boolean Operators (p.15)

03. What is the name for the tool that instructs the search engine that any text could be substituted in place of the asterisk*? _Wildcard_ (p.15)

04. What should you do if you search by using the keyword in common use that provides too many (e.g. thousands) of hits?
Refine your search ti narrow the field (p.16)

05. What is the name for one of the most popular search engines used for accessing scientific information? _Google_ (p.16)

06. What is the name for the system of databases that have been vetted and entered manually as opposed to automatic web crawlers that access keywords on web pages used by search engines? _Gateways_ (p.18)

07. If we want to collate some information on a given topic, what is the most practical action to take?
You should paste some of the information into a word document that we can add to as we go along. (p.19)

08. If you find a particular site of interest, what facility or location on your computer should be used to keep a record of the URL for the page so that you can easily return to it at a later date? _You should bookmark or indicate the site as a favorite_ (p.19)

09. What is the name for the tools that search all of the databases for search engines for you?
Meta Search engines (p.20)

10. As relates to copyright and validity, material from the internet should be considered in the same way as items from what other sources? _textbooks or publications_ (p.21)

11. What does the best-known database known as Medline contain? _Medical research publication_ ? (p.21)

12. The restrictive database known as the Web of Science ISI Citation Database contains only what restrictive type of journals? _prestigious journals_ (p.21)

13. What is the name for the health/science database system that is free of charge and accessible from any location? _PubMed_ (p.21) This database is a service from what federal organization or entity?
the National Library of Medicine (p.21)