SSY145 Wireless Networks
Quiz A2 Answer Key
Date: April 2, 2020

The solutions are marked in **boldface**.

1. Which of the following is/are the correct way(s) of using acronyms?

   (a) Include a table in the Results section.

   Motivation: There is no need of tables for acronyms. The acronyms should be defined when they first appear.

   (b) Attach an appendix or index to the report.

   Motivation: The acronyms should be part of the report to make the text readable.

   (c) **Define them when their expansions first appear and use them after they have been displayed in full.**

   Motivation: All acronyms are defined when they first appear. After an acronym is defined, the full phrase is not used (exceptions may apply, like the acronyms defined in the abstract should be redefined when they appear ourside the abstract).

   (d) Use only very well known acronyms to avoid defining them.

   Motivation: It is allowed to use the acronym we need as long as it is defined first.

2. Which of the following statements is(are) correct about the IEEE reference list structure?

   (a) The references are arranged chronologically according to their publication date.

   Motivation: The publication date is mentioned when referring to the source but the references are not ordered according to this.

   (b) **The references are arranged in the order of appearance of the text citations.**
   Motivation: This is how the IEEE reference list is structured.

   (c) The references are arranged alphabetically with respect to the author's name.

   Motivation: This is a common structure within the social sciences. For example, American Psychological Association (APA) uses this. However, IEEE does not.

   (d) None of the choices.

3. According to Kathryn Strong Hansen, if someone asked the questions "Who founded Microsoft?" and "What is the company's name?", which of the following sentences is/are correct answers to these two questions?

   (a) The company, which is called Microsoft, is founded by Bill Gates.

   (b) **The company that is called Microsoft is founded by Bill Gates.**

   (c) **The company, which is founded by Bill Gates, is called Microsoft.**

   (d) The company that is founded by Bill Gates is called Microsoft.

Motivation:

If someone asked the question "Who founded Microsoft?", the name of the company would be essential to the answer. In that case, it would be correct to say "The company that is called Microsoft is founded by Bill Gates."

If someone ask the question "What is the company's name?", the founder is not essential to the answer, but only an additional detail, so we should say "The company, which is founded by Bill Gates, is called Microsoft".

In other words, the choice between "that" and "which" is decided by whether the phrase that the word begins is essential to the sentence OR is just useful but additional detail.

4. According to Kathryn Strong Hansen, style and language are very important for academic writing. Considering formality, conciseness and objectivity, which of the following sentences is the best?

(a) It was noted that, after having been tested, the medicine was ineffective.
   Motivation: It is not concise (longer than needed).

(b) We noted that, after testing, the medicine was ineffective.
   Motivation: It is not concise (longer than needed) and not objective (we).

(c) Tests showed that our medicine was really ineffective.
   Motivation: It is informal (really) and not objective (our).

(d) Tests showed that the medicine was ineffective.
   Motivation: It is concise, formal and objective.