

SSY145 Wireless Networks

Question Bank

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Contents

1	For Exam	3
1.1	Article #02a & #02b – “Whitesides’ Group: Writing a Paper” & “Analyzing the Past to Prepare for the Future: Writing a Literature Review”	3
1.2	C1 – “Academic Technical Writing”	4

1 For Exam

1.1 Article #02a & #02b – “Whitesides’ Group: Writing a Paper” & “Analyzing the Past to Prepare for the Future: Writing a Literature Review”

1. Which of the following statement is(are) correct about sections of an academic paper according to George M. Whitesides?
 - (a) The abstract should be done at the beginning of writing a paper.
 - (b) The Conclusion section of an academic paper should be written as a list of short phrases or sentences.
 - (c) The results and discussion are usually combined.
 - (d) The main purpose of the Conclusion section is to shortly repeat what is in the Results section.
2. Which of the following statement is(are) correct about constructing an outline of a paper according to George M. Whitesides?
 - (a) An outline should contain significant amount of text to be readable.
 - (b) One should start to construct an outline after finishing a project.
 - (c) The outline should be organized around text.
 - (d) None of the above.
3. Which of the following statement is(are) correct about academic writing style?
 - (a) Complete all comparisons.
 - (b) Use the passive voice whenever possible to make long sentences.
 - (c) The word “this” must always be followed by a noun, so that its reference is explicit.
 - (d) Nouns can be used as adjectives, e.g. reaction product, ATP formation.
4. Which of the following statement is(are) false?
 - (a) The objectives of a paper when it is finished are often the same as those used to justify starting the work, that’s a reason why an outline is important.
 - (b) A paper should be organized in chronological order so that the reader can follow how you arrive at your result.
 - (c) A literature review is author-centric and should be a summary of the relevant articles.
 - (d) A review should identify critical knowledge gaps and thus motivate research to close these gaps.
5. Which of the following statement is(are) correct about the tense in an academic paper?
 - (a) When describing experimental results, use the present tense.

- (b) When attributing a statement or idea to a person, use the past tense.
 - (c) When discussing concepts, use the present tense.
 - (d) None of the above.
6. Which of the following statement is(are) correct about the outline of a paper?
- (a) Once the outline is finished after careful thinking, one should follow the outline and not do significant additional work.
 - (b) The outline should be organized in order of importance.
 - (c) The section headings should be as short as possible to be faster for readers to process.
 - (d) None of the above.
7. Which of the following elements should the Introduction of an article contain in general?
- (a) Background
 - (b) The justification for the objectives of the work.
 - (c) Summary of what the reader should expect as conclusions of the paper.
 - (d) Guidance to the reader.
8. Which of the following statement for the theoretical development of an article is(are) false?
- (a) In contrast to variance theories, process theories use events and states to help explain dynamic phenomena. Thus, in a review, the results of variance and process research are independent elements.
 - (b) Variance theories incorporate dependent variables that cause variation in independent variables.
 - (c) Models and propositions capture relationships between variables and represent theories.
 - (d) Extending current theories is a difficult task and is often the weakest part of a review, so it is the least important part of a review.

1.2 C1 – “Academic Technical Writing”

1. Which of the following is/are acceptable approach(es) to Referencing?
- (a) Quote a paragraph by placing it in quotation marks and acknowledge the source.
 - (b) Take some short fixed phrases from several different sources and put them together with some of your own words.
 - (c) Copy a paragraph making only small changes. For example, replace some words with words with similar meanings.
 - (d) Paraphrase a paragraph: rewrite the paragraph but change the language, organisation and detail, and give your own examples.

2. Which of the following is/are the correct way(s) of using acronyms?
- (a) Include a table in the Results section.
 - (b) Attach an appendix or index to the report.
 - (c) Define them when their expansions first appear and use them after they have been displayed in full.
 - (d) Use only very well known acronyms to avoid defining them.
3. Which of the following statements about graphics is/are true?
- (a) Figures and tables must be labeled.
 - (b) A table is needed after every figure in order to explain it.
 - (c) Tables do not need to be labeled.
 - (d) Figures and tables must be referred to in the text.
4. Which of the following is/are correct way(s) of using “THAT”?
- (a) when you are adding helpful additional material, and use commas
 - (b) when you are including essential material, and do not use commas
 - (c) when you are including essential material, and use commas
 - (d) when you are adding helpful additional material, and do not use commas
5. Which of the following is/are correct about adverbial?
- (a) Divide a dependent clause from an independent one.
 - (b) Adverbials are dependent phrases or words that describe how, when, or where some action is done.
 - (c) An adverbial generally won't change the subject-verb order in English.
 - (d) All of the choices.
6. Which of the following statements about the use of references is(are) false?
- (a) Provide expert information/knowledge.
 - (b) Keep you (and your readers) up to date on the latest developments in the field.
 - (c) Give your readers high-quality information and thereby increase their trust in you.
 - (d) None of the choices.
7. 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.
 - (b) The references are arranged in the order of appearance of the text citations.
 - (c) The references are arranged alphabetically with respect to the author's name.
 - (d) None of the choices.

8. Which of the following is/are incorrect about text structure and grammar?
- (a) “Heavy” adverbials are often placed at the beginnings of sentences.
 - (b) “That” is used when a sentence adds helpful additional material.
 - (c) In academic writing, objective writing is recommended than first-person or second person pronouns.
 - (d) In order to use formal expressions, it is required to avoid using contractions.
9. What information is compulsory to be given when commenting data?
- (a) Compare/assess data relative ‘X’.
 - (b) Highlight(s)
 - (c) Location and summary
 - (d) Unexpected results / reliability / validity
10. Which of the following is/are true about academic writing?
- (a) Writer should use more 1st -person pronouns in order to make their statement straightforward.
 - (b) Writer should indent the first line of each paragraph and leaves an empty line between each paragraph.
 - (c) Contraction such as “you’re” should be avoided in formal writing.
 - (d) Every periods within the text could be replaced by semicolons.
11. Which of the following statement is(are) correct about figures and tables in a paper?
- (a) Figures and tables do not have to be labeled if they are referred to in text.
 - (b) Figures and tables do not have to be referred to in text if they are labeled.
 - (c) Figures and tables must be labeled and referred to in text.
 - (d) A paper should only contain text and not figures or tables.
12. Which of the following use of “That” and “Which” is correct?
- (a) “That” should be used when you are adding helpful addition materials, and do not use commas.
 - (b) “That” should be used when you are including essential material, and do not use commas.
 - (c) “Which” should be used when you are adding helpful addition materials, and do not use commas.
 - (d) “Which” should be used when you are adding helpful addition materials, and use commas.
13. 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.

14. What was said in the lecture Academic Technical Writing?

- (a) Semicolon can be used in some cases but it is optional. ✓
- (b) As long as you mention the original writer's name, you can use this information as a source.
- (c) "That" and "which" are used in the same way. ✓ o
- (d) The IMRaD structure should be used whenever writing a report. ✓

15. 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.
- (b) We noted that, after testing, the medicine was ineffective.
- (c) Tests showed that our medicine was really ineffective.
- (d) Tests showed that the medicine was ineffective.

16. Which of the following statements is/are correct about reference?

- (a) In the reference end list, references should be organized by the order in which they appear in the text.
- (b) One of the reason for using references is providing expert information/knowledge.
- (c) References can give your readers high-quality information and thereby increase their trust in you.
- (d) Referencing has two parts: in the text and in the reference list.

17. Which of the following is/are correct in the academic technical writing?

- (a) Writing papers from the Introduction section is the most efficient way.
- (b) In an outline, the Conclusion section is just the summary of the paper.
- (c) Tables and equations can be used to compress the information and make the paper shorter and more readable.
- (d) A review succeeds when it helps other scholars to make sense of the accumulated knowledge on a topic.

