

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 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?

- (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 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 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 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.

