Reading and Evaluating a Scientific Paper

1. Define the following terms.

   Research articles

   Review articles

   Literature Review in an RA

   Research in academic exchange

2. Complete the following statements.

   A good title will provide readers with the purpose of a study, research question, methods used in the study and _____.

   An abstract summarizes, in one paragraph (usually), _____ of the entire paper in a prescribed sequence.

   The RA introduction functions to introduce the research in detail and establish of the research.

   A good literature review also functions to establish the study as one _____ in a chain of research that is developing knowledge in the field.

   The Methods section is the most important aspect of a research paper because it provides the information by which _____ is ultimately judged

   The function of the Results section is to objectively present your key results in a(n) _____ and _____ sequence.

   The function of the Discussion is to _____, and to explain our new understanding of the problem after taking your results into consideration.

   Conclusion section is a great place to remind the reader exactly why your topic _____.

3. Briefly answer the following questions.

   What are the aspects your RA abstract summarizes?

   What information do you usually look for when you read the RA Introduction?

   Why do authors cite others' work in the RA Introduction?

   What does it mean by evaluating an RA?

   What are the factors that will influence how you read a paper?