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| Genetics Research Paper CARS Rubric |
| Introduction | There is an introduction that clearly states the intention of the essay, and previews what will be discussed. | There is an introduction that clearly states the intention of the essay, or previews what will be discussed. | There is no appropriate introduction. |
| Inheritance Complete Answer Response Rubric |
|  | 6 Points | 3 points | 1 point |
| Answer Format | The question that is being answered is clear from the text, either from context or restatement, and complete sentences are utilized. | The question that is being answered is clear from the text, either from context or restatement, or complete sentences are utilized. | The question is unclear or not restated, and there is not a complete sentence. |
| Completeness and correctness of the response(x2 points) | The answer is complete, expressed in the writer’s own words, and ***correct***. No reasonable questions can be asked that have not already been answered about who/what/when/where/why/how.  | The answer is ***correct*** and expressed in the writer’s own words. Several reasonable questions can be asked that have not already been answered about who/what/when/where/why/how.1. Explain what inheritance is.2.  Explain what traits and genes are.3.  Explain dominant and recessive alleles4.  Explain phenotype versus genotype.5.  Explain homozygous and heterozygous genotypes6.  Explain zygotes, gametes, and haploidy/diploidy.7.  Explain the link to meiosis. | The answer is incorrect, missing, or not in the writer’s own words. Most reasonable questions are unanswered. |
| Citations | All information in the text is cited, with the title or author and location or date for the resource clearly indicated either within sentences, or contained in parentheses at the end of a sentence. | Some information in the text is cited, with the title or author or website and location or date for the resource clearly indicated either within sentences, or contained in parentheses at the end of a sentence.**Examples: (Cronkite, p. 93) (The Basics of Inheritance, Paragraph 5) (About.com/genetics, 3/13/14)** | There is no citation in the correct format, or the citation does not support the response. |
| Meiosis Complete Answer Response Rubric |
|  | 6 Points | 3 points | 1 point |
| Answer Format | The question that is being answered is clear from the text, either from context or restatement, and complete sentences are utilized. | The question that is being answered is clear from the text, either from context or restatement, or complete sentences are utilized. | The question is unclear or not restated, and there is not a complete sentence. |
| Completeness and correctness of the response(x2 points) | The answer is complete, expressed in the writer’s own words, and ***correct***. No reasonable questions can be asked that have not already been answered about who/what/when/where/why/how.  | The answer is ***correct*** and expressed in the writer’s own words. Several reasonable questions can be asked that have not already been answered about who/what/when/where/why/how.1. Explain the similarity/difference from mitosis.
2. Explain what meiosis does.
3. Explain when meiosis occurs
4. Explain why meiosis is important.
5. Explain the most important steps in the process of meiosis.
 | The answer is incorrect, missing, or not in the writer’s own words. Most reasonable questions are unanswered. |
| Citations | All information in the text is cited, with the title or author and location or date for the resource clearly indicated either within sentences, or contained in parentheses at the end of a sentence. | Some information in the text is cited, with the title or author or website and location or date for the resource clearly indicated either within sentences, or contained in parentheses at the end of a sentence.**Examples: (Cronkite, p. 93) (The Basics of Inheritance, Paragraph 5) (About.com/genetics, 3/13/14)** | There is no citation in the correct format, or the citation does not support the response. |
| Conclusion | There is a conclusion that clearly states the intention of the essay, and reviews what was discussed. | There is a conclusion that clearly states the intention of the essay, or reviews what was discussed. | There is no appropriate conclusion. |
| Editing | There are no spelling or grammar errors. | There are some errors in spelling or grammar. (<5) | There are many errors in spelling or grammar. (>5) |
| Resources | A list of all resources (books, websites, handouts) is present and in APA format. A minimum of 3 resources must be used. | A resource list is present, but not in APA format, or it is incomplete.APA Book/Handout format (As much info as is available): Author, A. A. (Year of publication). Title of work: Capital letter also for subtitle. Location: Publisher.APA Website Format (As much info as is available):Author, A. A., & Author, B. B. (Date of publication). Title of document. Retrieved from http://Web addressLink: https://owl.english.purdue.edu/owl/resource/560/01/ | The resource list is not present. |
| Total |  |  |   /72 |