

Individual article review assignment: PSYC 3312 (Biological Foundations of Behavior)

Remember that your article choice document must be submitted and your choice approved by me prior to your starting the review.

ANSWER THE QUESTIONS BELOW, PUTTING THE QUESTION NUMBER AT THE START OF EACH ANSWER SO THAT I'LL KNOW WHICH QUESTION YOU ARE ANSWERING.

1. Give the full reference for your article using correct APA format (6th edition). (4 pts, -0.5 pts for each format error) (It works best to put the reference on the line below the question number line for this question.)
2. What specific research questions/hypotheses were studied? Be specific in discussing predictions made by hypotheses. (2 pts)
3. How does answering the research questions(s) add something new to what is already known? If the study is a replication of an earlier study, explain why it was important to do the specific replication. (2 pts)
4. Who or what was studied (include number and key characteristics for participants)? (2 pts)
5. In sequential order, what were the **major** steps in the research procedure for the study? (3 pts)
6. What specific data were recorded to be used for the analysis done? (2 pts)
7. What analyses were done on the data? (Discuss how the data were used to test the hypothesis, NOT specific statistical tests.) (2 pts)
8. What were the main results? (After analysis, what do the data from item 6 say about the research questions or hypotheses listed in item 2?) (2 pts)
9. What does the author conclude? (Based on both the results and the entire study experience, what is the conclusion regarding the research questions?) (2 pts)
10. What cautions does the author raise about interpreting the study/generalizing findings? (2 pts)
11. Do you see any flaws/problems in the study that were not discussed by the author? If so, how could the experimental design be improved? (2 pts)
12. Discuss some interesting or useful things **ABOUT BIOPSYCHOLOGY** you learned from reading the article? (Include info from ALL 4 parts of the article: intro, methods, results, discussion) (5 pts)

(Total = 30 points, divide your grade by 2 to get the course point value)

Based on: Twelve questions to answer after reading a journal article describing experimental studies.

[Taken from Locke, L.F., Silverman, S.L. & Spirduso, W.W. (1998). *Reading and understanding research*. Thousand Oaks, CA: Sage. (form 5.2, p. 94-96)]