1. How did Rosenzweig, Bennett, and Diamond justify using rats as a valid way to study human brain research?

2. Implicit in Rosenzweig’s research was the belief that animals ____________________________ will demonstrate differences in _______________________________ and chemistry when compared with animals reared in plain or dull circumstances.

3. What were the three conditions/groups of the study?

4. After 4 to 10 weeks of the differential treatment period, rats’ brains were then measured, weighed, and analyzed to determine the amount of ___________________________ and levels of ________________________________.

5. What results were shown in terms of advantages of the enriched rats’ brains compared to the impoverished rat’s brains?

6. Some criticism of the study contended that perhaps it was not the enriched environment that produced the brain changes but rather other differences in the treatment of the rats, such as mere handling or ____________________.

7. How did the authors address the concern about the study being artificial and not being conducted in a natural environment?

8. Several potential benefits of this research were suggested by the authors. One possible application pertained to the study of ___________________. Another area in which this research might prove helpful was in explaining the relationship between malnutrition and ____________________.

9. What did you find to be the most interesting related research or recent application of the study?