

3. Choose five cranial nerves and **list** the number, name, and function(s) (15). Note I have made 3 choices for you...you still get the points...

Number (.5)

name (.5)

Function(s) (2pts)

a.

b. X

c.

abducens

d.

e. III

4. Choose Three (3) and explain based on the anatomy of this class (3x5=15→don't waste points by being sloppy or lazy...)

a) Why is Carbidopa an effective therapeutic agent in Parkinson's Disease?

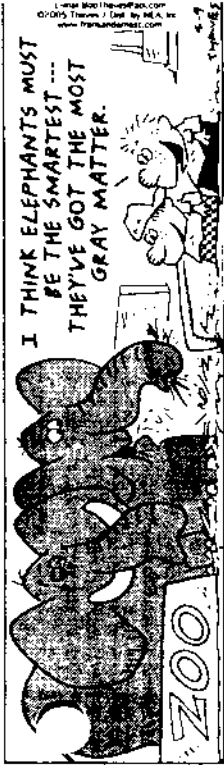
b) Poliomyelitis

c) ALS

d) lumbar puncture

e) diencephalon

5. Whether you think this cartoon is funny or not—cute or not, what is the implied anatomical and physiological basis of it as related to our cumulative conversations and your readings. Be specific, use detail! (15)



6. Anatomically and physiologically what is the blood brain barrier? (10)

7. What is cerebrospinal fluid and what is its role? Think chemically, anatomically, and physiologically. How is the CSF volume controlled? (10)