Cell Energy Review

1. What type of cell has a **true nucleus**?
2. List the **Cell Theory**. (Hint: A,B,C)
3. What do **Prokaryotic** cells lack?
4. What is the **energy molecule**? (write full name and abbreviation)
5. Define **cellular respiration**.
6. Define **photosynthesis**.
7. Write the **equation** for photosynthesis.
8. Write the **equation** for cellular respiration.
9. List the 3 **steps of cellular respiration**.
10. List the **products** of photosynthesis.
11. List the **products** of cellular respiration.
12. Lists the raw materials for photosynthesis.
13. List the **raw materials** for cellular respiration.
14. What is the **relationship** between photosynthesis and cellular respiration?
15. What does **aerobic** respiration require?
16. What **pigment** makes plants appear green?
17. What is the **thylakoid** in a chloroplast?
18. What are the **grana** in a chloroplast?
19. **Where** does cellular respiration take place?
20. **Where** does photosynthesis take place?
21. What is the **modern cell theory**? (Hint: Don’t Make F’s)