

Name: \_\_\_\_\_

Period: \_\_\_\_\_

**TAKS PREP 1**

**Assigned: Mon., 4/17/06**

**Due: Wed., 4/18/06**

1. Translation (TS) or Transcription (TC)?

- |   |   |
|---|---|
| A. ____ When DNA is changed to RNA                  | D. ____ Just before the genetic code leaves the nucleus |
| B. ____ When RNA turns to tRNA                      | E. ____ When both molecules have uracil                 |
| C. ____ After the genetic code enters the ribosomes | F. ____ When one of the molecules has thymine           |

2. Define and give an example of each:

- A) Conduction
- B) Convection
- C) Radiation.

3. Acids and Bases:

- A) What is an acid?
- B) What is the range of acids?
- C) What is a base?
- D) What is the range of bases?
- E) When you mix acids and bases you get?
- F) To make a solution have a lower pH you add a:
- G) To make a solution have a higher pH you add a:

4. Give the units for the following physics quantities:

- |                |                  |                         |                          |
|----------------|------------------|-------------------------|--------------------------|
| A. ____ force  | D. ____ velocity | G. ____ acceleration    | J. ____ Kinetic Energy   |
| B. ____ power  | E. ____ distance | H. ____ Work            | K. ____ wavelength       |
| C. ____ energy | F. ____ time     | I. ____ Mech. Advantage | L. ____ Potential energy |

