EXERCISE 15.0 ANSWER PAGE

Planetary Orbits and Configurations

1. Elongation of A from diagram in part I of Manual: ..... _____
2. Elongation of B from diagram in part I of Manual: ..... _____
3. Date of elongation: _____
4. Elongation of Mercury: ..... _____.
5. Elongation of Venus: _____
6. Configuration or Aspect name: _____
7. Orbital class for Mercury and Venus: ..... _____
8. Mercury: _____ Venus:_____ Mars: _____
9. Jupiter: _____ Saturn: _____ Uranus: _____

   Neptune:_____ Pluto: _____ Halley's Comet _____
10. Calculation of the time Venus rises:
    a. Elongation of Venus in degrees: _____
    b. Value of T_E for Venus in hours and minutes with proper algebraic sign: _____
    c. Value of $T_\odot$ for Sun: _____
    d. $T_P = T_\odot - T_E$ = _____
11. Calculation of the time Mars sets:
    a. Elongation of Mars in degrees: _____
    b. Value of T_E for Mars in hours and minutes with proper algebraic sign: _____
    c. Value of $T_\odot$ for Sun: _____
    d. $T_P = T_\odot - T_E$ = _____
12. Calculation of the time Saturn rises:
    a. Elongation of Saturn in degrees: _____
    b, Value of T_E for Saturn in hours and minutes with proper algebraic sign: _____
    c. Value of $T_\odot$ for Sun: _____
    d. $T_P = T_\odot - T_E$ = _____

End