

# Maintenance and Light Repair Workbook Chapter 21

Name: \_\_\_\_\_ Class \_\_\_\_\_ Date: \_\_\_\_\_  
Instructor: \_\_\_\_\_ Textbook Pages 248 – 258

Answer the questions and identify the page number that the answer was found in the textbook

1. When replacing a thermostat with a jiggle valve, the valve should be installed facing \_\_\_\_\_ Page: \_\_\_\_\_



2. **True or False**

When replacing a thermostat or water pump the coolant drained out should be saved for reuse after the work has been done. \_\_\_\_\_ Page: \_\_\_\_\_

3. A water pump can fail for all the following reasons **Except:**

- A. Leaking coolant from the weep hole.
- B. Loose or noisy bearing
- C. Manufacturer specifications
- D. Worn impeller blades.

Page: \_\_\_\_\_

4. When removing gasket material from an aluminum housing what two types of scraper are best to use? \_\_\_\_\_ or \_\_\_\_\_

Page: \_\_\_\_\_





5. What three substances are intake gaskets meant to seal?  
\_\_\_\_\_. \_\_\_\_\_ And \_\_\_\_\_

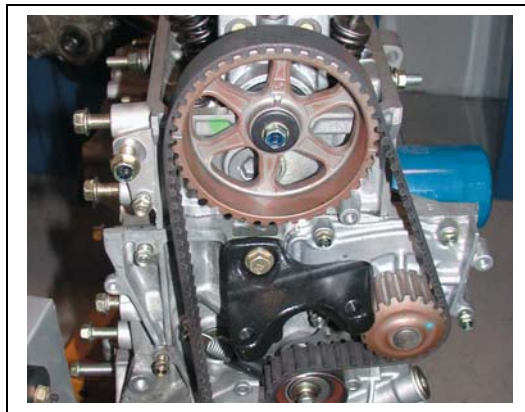
Page: \_\_\_\_\_

6. If the engine speed or sound changes when \_\_\_\_\_ is dispensed around the intake gasket than an air or vacuum leak is present.

Page: \_\_\_\_\_

7. When removing intake manifold bolts, to avoid possibly warping the intake, always start at the \_\_\_\_\_ and move to the \_\_\_\_\_ of the intake.

Page: \_\_\_\_\_



8. What are the three main reasons a timing belt may fail?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Page: \_\_\_\_\_

9. In a hybrid engine what do the orange colored wires and circuits denote? \_\_\_\_\_

Page: \_\_\_\_\_

10. In a gasoline hybrid engine if the ready light is on in the dash what does that mean?

\_\_\_\_\_

\_\_\_\_\_

Page: \_\_\_\_\_