Automotive Technology 7th Edition
Chapter 26: Engine Cleaning and Crack Detection
Short Answer Quiz

Name: Date:

1. Describe the potential risks associated with not thoroughly cleaning a part after using an abrasive pad or disc.

2. Detail the two primary operations an engine and its parts should undergo after being disassembled and before they can be overhauled or repaired.

3. Explain the rationale behind the recommendation to use a putty knife or a plastic card for scraping during the mechanical cleaning process.

4. How can a plastic ice scraper be adapted to safely clean aluminum engine parts?

5. Discuss the properties and benefits of a soda blasting machine in the context of engine cleaning.

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6. Why is blasting with materials like steel, baking soda, or glass beads used on engine parts after cleaning with solvents or heat?

7. Highlight the primary methods involved in mechanical cleaning as mentioned in the document.

8. What is the "Ice Scraper Trick" as mentioned in the document, and why is it beneficial?

9. Describe the role of a putty knife in the scraping method of mechanical cleaning.

10. Why is it crucial to ensure engine parts are serviceable and free from faults such as cracks before overhauling or repairing them?