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.

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

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

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

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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?

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

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

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

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

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