

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Technician A says that carburetor cleaner is one of the most common cold soak agents used in an engine reconditioning shop. Technician B says that a hydrosol is a layer of water on top of the solvent to prevent evaporation. Which technician is correct? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 2) All of the following are methods of mechanical cleaning EXCEPT _____. 2) _____
A) chemical solvents
B) abrasive blasting
C) scraping
D) brushing
- 3) What actually does the cleaning when using steam? 3) _____
A) Heat from the steam
B) Pressure behind the steam
C) Abrasives used
D) Both A and B
- 4) Cracks in cast iron cylinder heads can easily be repaired by welding. 4) _____
A) True
B) False
- 5) Many cleaning methods involve chemicals that are hazardous to use. The least hazardous method is generally considered to be the _____. 5) _____
A) pyrolytic oven
B) hot vapor tank
C) hot soak tank
D) cold soak tank
- 6) Technician A says that the fluorescent penetrant test method can be used to detect cracks in iron, steel, or aluminum parts. Technician B says that the dye penetrant test can only be used with aluminum parts. Which technician is correct? 6) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 7) Magnetic crack inspection _____. 7) _____
A) uses a red dye to detect cracks in aluminum
B) uses a black light to detect cracks in iron parts
C) uses a fine iron powder to detect cracks in iron parts
D) uses a magnet to remove cracks from iron parts

- 8) Any internal part that has a crack or flaw should be replaced, not repaired. 8) _____
A) True
B) False
- 9) Plugging can be used to repair cracks _____. 9) _____
A) in cast-iron cylinder heads
B) in aluminum cylinder heads
C) in both cast-iron and aluminum cylinder heads
D) only in cast-iron blocks
- 10) Technician A says that mechanical cleaning with scrapers or wire brushes can be used to remove deposits. Technician B says that steel wire brushes can be used to clean aluminum parts. Who is right? 10) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

Answer Key

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1) C

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2) A

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3) D

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4) B

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5) A

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6) A

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7) C

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8) A

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9) C

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10) A

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