

Name _____

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

- 1) Which of these components would be one of the first to be removed during engine disassembly? 1) _____
 - A) Main bearing caps
 - B) Cylinder head bolts
 - C) Valve covers
 - D) Oil pump

- 2) An engine is manufactured with cracked joint (fractured) connecting rods. What action should the technician take? 2) _____
 - A) The rods cannot be reused
 - B) The rod cap must stay paired with the rod
 - C) The fractured surface must be machined flat
 - D) None of these

- 3) When crack testing, the dye-penetrant method is used on _____ parts and components. 3) _____
 - A) Magnetic
 - B) Non-magnetic
 - C) Light-colored
 - D) Dark-colored

- 4) Which media is best to use for cleaning parts as it does not need to be thoroughly cleaned after using? 4) _____
 - A) Baking soda
 - B) Stainless steel shot
 - C) Glass beads
 - D) Aluminum shot

- 5) Which of these is NOT part of the procedure for removing pistons? 5) _____
 - A) Rotate the piston to BDC
 - B) Remove the rod cap
 - C) After removing the piston replace the rod cap on the rod
 - D) Rotate the piston 12° before removing

- 6) When removing the valves from the cylinder head, tapping the spring retainer with a brass hammer is used to _____. 6) _____
 - A) Loosen the valve keepers
 - B) Drive the valve from the valve guide
 - C) Drive out the valve guide
 - D) Snap the valve springs loose

- 7) Technician A says that a putty knife or large screwdriver is used to remove gasket material from aluminum parts. Technician B says that plastic scrapers should be used on aluminum parts. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B
- 8) Aqueous-based cleaning means _____. 8) _____
- A) Water based
 - B) Abrasive based
 - C) Strong chemical based
 - D) All of the above
- 9) Which part cleaning method is the least hazardous? 9) _____
- A) Caustic (low pH) chemicals
 - B) Aqueous-based solutions
 - C) Pyrolytic oven
 - D) Vapor cleaning
- 10) Cleaning chemicals are usually either a caustic material or an acid material. Which of the following statements is true? 10) _____
- A) Both caustics and acids have a pH of 7 if rated according to distilled water.
 - B) An acid is lower than 7 and a caustic is higher than 7 on the pH scale.
 - C) An acid is higher than 7 and a caustic is lower than 7 on the pH scale.
 - D) Pure water is a 1 and a strong acid is a 14 on the pH scale.

Answer Key

Testname: LVDE1_7B

1) C

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2) B

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3) B

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4) A

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5) D

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6) A

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7) B

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8) A

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9) C

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10) B

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