

Name _____

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

- 1) The surface finish for the cylinder walls usually depends on _____. 1) _____
 - A) The type of piston rings to be used
 - B) The type of engine oil that is going to be used in the engine
 - C) The cylinder wall-to-piston clearance
 - D) Both B and C

- 2) Siamese cylinder bores are _____. 2) _____
 - A) Cylinders that do not have a coolant passage between them
 - B) Aluminum cylinders
 - C) Another name for cylinder liners
 - D) Cast iron cylinders

- 3) After the engine block has been machined, it should be cleaned using _____. 3) _____
 - A) Soap and water
 - B) SAE 10W-30 oil and a shop cloth
 - C) Sprayed with brake cleaner to remove the cutting oil
 - D) Sprayed with WD-40

- 4) Technician A says that the block deck is the surface to which the cylinder head attaches and can be curved. Technician B says that core plugs are used to fill the holes in the block used for casting. Which technician is correct? 4) _____
 - A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician

- 5) Cast iron has about how much carbon content? 5) _____
 - A) Less than 1%
 - B) 2%
 - C) 3%
 - D) 4% or higher

- 6) An engine block should be machined in which order? 6) _____
 - A) Align honing, cylinder boring, block deck machining
 - B) Block decking, align honing, cylinder boring
 - C) Cylinder boring, align honing, block decking
 - D) Align honing, block decking, cylinder boring

- 7) After honing or deglazing, cylinder walls should be washed with _____. 7) _____
 - A) Oil soaked rags
 - B) Hot soapy water
 - C) Cleaning solvent
 - D) Both B and C

- 8) The cylinder holes are called _____. 8) _____
- A) Bores
 - B) Stroke
 - C) Barrels
 - D) Rounders
- 9) Technician A says that the cylinder should be bored and/or honed to match the size of the pistons to be used. Technician B says that the top edge of the cylinder should have a sharp edge to help the piston rings during installation. Which technician is correct? 9) _____
- A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician
- 10) When measuring a cylinder for wear, the most wear will be found at the _____. 10) _____
- A) Top of cylinder
 - B) Bottom of cylinder
 - C) Middle of the cylinder
 - D) 5 inches from the top

Answer Key

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1) A

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2) A

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3) A

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4) B

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5) C

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6) D

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7) B

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8) A

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9) A

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10) A

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