

Name _____

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

- 1) A bedplate is located between the _____ and the _____. 1) _____
 - A) Cylinder bores; water jacket
 - B) Cylinder head; block deck
 - C) Bottom of the block; oil pan
 - D) Block deck; cylinder bore

- 2) After honing or deglazing, cylinder walls should be washed with _____. 2) _____
 - A) Oil soaked rags
 - B) Hot soapy water
 - C) Cleaning solvent
 - D) Both B and C

- 3) Cast-iron cylinder sleeves are either cast into the aluminum block during manufacturing or pressed into the aluminum block. These sleeves are not in contact with the coolant passages and are called _____. 3) _____
 - A) Dry cylinder sleeves
 - B) Wet cylinder sleeves
 - C) Siamese cylinders
 - D) Aluminum sleeves

- 4) The standard measurement for surface finish is the micro inch. Which of the following is correct? 4) _____
 - A) The rougher the surface, the higher the micro inch finish measurement
 - B) The smoother the surface, the higher the micro inch finish measurement
 - C) The rougher the surface, the lower the micro inch finish measurement
 - D) Both B and C

- 5) Siamese cylinder bores are _____. 5) _____
 - A) Cylinders that do not have a coolant passage between them
 - B) Aluminum cylinders
 - C) Another name for cylinder liners
 - D) Cast iron cylinders

- 6) Ultrasonic testing is used to test _____. 6) _____
 - A) For crack in the block
 - B) Surface finish of the cylinder bores
 - C) Cylinder wall thickness
 - D) Both B and C

- 7) What should be installed and torqued to factory specifications before machining a block? 7) _____
 - A) Front timing chain cover
 - B) Main bearing caps
 - C) Oil pan
 - D) All of the above

- 8) Which of the following methods is most accurate for checking engine block identification? 8) _____
- A) Owners manual
 - B) Vehicle make and model
 - C) Number on engine block
 - D) Vehicle model and year
- 9) When measuring a cylinder for wear, the most wear will be found at the _____. 9) _____
- A) Top of cylinder
 - B) Bottom of cylinder
 - C) Middle of the cylinder
 - D) 5 inches from the top
- 10) Engine blocks can be manufactured using which of these methods? 10) _____
- A) Sand cast
 - B) Sand cast or die-cast
 - C) Extruded cylinder
 - D) Machined from a solid piece of metal (either cast iron or aluminum)

Answer Key

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1) C

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2) B

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3) A

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4) A

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5) A

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6) C

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7) B

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8) C

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9) A

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10) B

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