

Name \_\_\_\_\_

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

- 1) Core plugs are also called \_\_\_\_\_. 1) \_\_\_\_\_  
A) freeze plugs  
B) frost plugs  
C) weep plugs  
D) both A or B
- 2) Grit or abrasives that remain after honing the cylinders can be removed by cleaning with \_\_\_\_\_ before assembling the engine. 2) \_\_\_\_\_  
A) WD 40  
B) parts solvent  
C) soap and water  
D) brake cleaner spray
- 3) Technician A says that the cylinders should be bored and/or honed to match the size of the pistons to be used. Technician B says that bolt holes should be chamfered and cleaned with a thread chaser before assembly. Who is right? 3) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 4) Technician A says that the block deck is the surface to which the cylinder head attaches and can be slightly concave-shaped. Technician B says that core plugs are used to fill the holes in the block used for casting. Who is right? 4) \_\_\_\_\_  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 5) The coolant passages around the cylinders are often called \_\_\_\_\_. 5) \_\_\_\_\_  
A) cooling jackets  
B) water holes  
C) water passages  
D) cooling pockets
- 6) The surface finish for the cylinder walls usually depends on \_\_\_\_\_. 6) \_\_\_\_\_  
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

- 7) A bedplate is located between the \_\_\_\_\_ and the \_\_\_\_\_. 7) \_\_\_\_\_  
A) cylinder bores; water jacket  
B) cylinder head; block deck  
C) bottom of the block; oil pan  
D) block deck; cylinder bore
- 8) When preparing an engine to use cast-iron piston rings the cylinders must be honed to a surface finish of \_\_\_\_\_ microinches. 8) \_\_\_\_\_  
A) 35  
B) 20 to 30  
C) 18 to 25  
D) 200
- 9) After honing or deglazing, cylinder walls should be washed with \_\_\_\_\_. 9) \_\_\_\_\_  
A) oil soaked rags  
B) hot soapy water  
C) cleaning solvent  
D) both B and C
- 10) 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 \_\_\_\_\_. 10) \_\_\_\_\_  
A) dry cylinder sleeves  
B) wet cylinder sleeves  
C) siamese cylinders  
D) aluminum sleeves