

Name _____

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

- 1) Technician A says that powdered metal connecting rods cannot be reconditioned and must be replaced if damaged or worn. Technician B says that the piston and the connecting rod must be correctly assembled according to identifying notches or marks. Who is right? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 2) A hypereutectic piston has a higher _____. 2) _____
A) weight than an aluminum piston
B) silicon content
C) tin content
D) nickel content
- 3) Piston ring gap is measured using a _____. 3) _____
A) feeler gauge
B) micrometer
C) dial indicator
D) either A or B
- 4) What is the technician doing in this photograph? 4) _____



- A) Cleaning the rings
B) Measuring end gap
C) Measuring side clearance
D) Measuring back clearance

- 5) A hypereutectic piston _____. 5) _____
A) uses about 16% silicon
B) is a cast piston
C) is a forged piston
D) both A and B
- 6) Many aluminum piston skirts are plated with _____. 6) _____
A) tin or moly graphite
B) lead
C) antimony
D) terneplate
- 7) Technician A says that chrome rings are the best rings to use in an unbored cylinder. Technician B says that ring end gap is non-adjustable; therefore there is no need to check it when reassembling the engine. Who is right? 7) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 8) The purpose of casting steel struts into an aluminum piston is to _____. 8) _____
A) provide increased strength
B) provide increased weight at the top part of the piston where it is needed for stability
C) control thermal expansion
D) both A and C
- 9) A full-floating piston pin is held in place using _____. 9) _____
A) snap rings
B) cotter pins
C) friction
D) glue
- 10) A cast connecting rod has _____. 10) _____
A) a wide parting line
B) a narrow parting line
C) a cracked rod cap
D) high nickel content

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) C

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5) D

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6) A

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7) D

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8) D

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9) A

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10) B

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