

Name \_\_\_\_\_

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

- 1) The block deck is the \_\_\_\_\_. 1) \_\_\_\_\_
  - A) Bottom (panrail) of the block
  - B) Top surface of the block
  - C) Valley surface of a V-type engine
  - D) Area where the engine mounts are attached to the block
- 2) Crankshaft oiling holes are \_\_\_\_\_ to prevent stress concentration. 2) \_\_\_\_\_
  - A) Billeted
  - B) Chamfered
  - C) Drilled oversize
  - D) Surface finished
- 3) Typical journal-to-bearing clearance is \_\_\_\_\_. 3) \_\_\_\_\_
  - A) 0.00015 to 0.00018 inch
  - B) 0.0005 to 0.0025 inch
  - C) 0.15 to 0.25 inch
  - D) 0.02 to 0.035 inch
- 4) Technician A says that a 6 cylinder diesel engine usually has seven main bearings. Technician B says that a 6 cylinder diesel engine usually has 5 main bearings. Which technician is correct? 4) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 5) Technician A says that thrust loads in an engine are forces that push and pull the main bearings forward and rearward in the engine block. Technician B says that thrust loads in an engine are forces that push and pull the crankshaft forward and rearward in the engine block. Which technician is correct? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 6) Cast crankshafts can be identified by \_\_\_\_\_. 6) \_\_\_\_\_
  - A) A narrow parting line
  - B) A wide parting line
  - C) Being magnetic
  - D) Being nonmagnetic

- 7) In the engine block, lubrication oil flows through \_\_\_\_\_. 7) \_\_\_\_\_
- A) Thin lines
  - B) Oil galleries
  - C) Oil gallons
  - D) Weep holes
- 8) Engine blocks have \_\_\_\_\_ that may be a source of oil leaks. 8) \_\_\_\_\_
- A) Gallery plugs
  - B) Carbon tracks
  - C) Weep holes
  - D) Liners
- 9) Bearing \_\_\_\_\_ occurs when a bearing shell is slightly above the parting surfaces of the bearing cap. 9) \_\_\_\_\_
- A) Overlap
  - B) Crush
  - C) Cap lock
  - D) Interference fit
- 10) The distance between the centerline of the connecting rod bearing journal and the centerline of the crankshaft main bearing journal determines the \_\_\_\_\_ of the engine. 10) \_\_\_\_\_
- A) Bore
  - B) Stroke
  - C) Cylinder centerline
  - D) Main bearing cap bore

## Answer Key

Testname: LVDE1\_2B

1) B

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2) B

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3) B

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4) A

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5) B

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6) B

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7) B

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8) A

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9) B

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10) B

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