## REPAIR MICHIGAN MECHANIC Study Guide Questions with Solutions 2024

291). Which of the following is true about adjusting valve tappet clearance

✓ Ans: A. THE VALVE TAPPET CLEARENCE ON A HIGH MILEAGE EGINE SHOULD BE ADJUSTED TIGHTER THAN SPECIFICATIONS FOR A NEWLY REBUILT ENGINE.

B. VALVE TAPPET CLEARANCE SHOULD BE ADJUSTED AT TDC AT THE END OF THE COMPRESSION STROKE. (CORRECT AWNSER)

C. VALVE TAPPET CLEARANCE SHOULD BE ADJUSTED AT BDC AT THE END OF THE EXHAUST STROKE.

D. NONE OF THE ABOVE. (NOT CORRECT AWNSER)

292). The hydraulic lifters are noisy at highway speeds but quiet at low speeds, what should you do first as you diagnose this problem?

✓ Ans: A. CHECK LIFTER LEAKDOWN RATE.

- B. CHECK CRANKCASE OIL LEVEL. (CORRECT AWNSER)
- C. CHECK LIFTER CLEARANCE HOT. (NOT CORRECT AWNSER)
- D. CHECK LIFTER CLEARANCE COLD.
- 293). The valve timing on most engines is controlled by:

✓ Ans: A. AN ON BOARD COMPUTER. (NOT CORRECT AWNSER).

- B. A CENTRIFUGAL ADVANCE UNIT.
- C. A VACUUM ADVANCE UNIT
- D. A BELT, CHAIN OR GEAR DRIVE. (CORRECT AWNSER)
- 294). The bearing inserts below have been plastigaged, what can you determine about these pictures?

Ans: A. BOTH BEARING JOURNALS ARE OUT OF ROUND. (NOT CORRECT AWNSER)

- B. INSERT "B" HAS MORE CLEARANCE.
- C. INSERT'A" HAS MORE CLEARANCE.
- D. BOTH BEARINGS HAVE EXCESSIVE TAPER.
- 295). The compression test has showed that the middle two cylinders on one side of a v-8 engine had readings of 50 psi, the other cylinders had readings between 135 psi and 140 psi, what is the likely cause of this condition?

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**JA Banks** 

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