Name
MULTIPLE CHOICE. Choose the one altern

1) The proper relationship between intake and exhaust valve diameter is	1)
A) intake valve size is 85% of exhaust valve size	
B) exhaust valve size is 85% of intake valve size	
C) exhaust valve size is 38% of intake valve size	
D) intake valve size is 45% of exhaust valve size	
2) Which part of this valve is called the valve margin?	2)
A	

A) A	
B) B	
C) C	
D) D	

E)E

3) Dampers (damper springs) are used inside some valve springs to	3)
A) prevent valve spring surge	
B) keep the valve spring attached to the valve	
C) decrease valve spring pressure	
D) retain valve stem seals	
4) Umbrella-type valve stem seals	4)

A) fit tightly onto the valve guide
B) fit on the valve face to prevent combustion leaks
C) fit tightly onto the valve stem
D) lock under the valve retainer

5) Which of the following statements is TRUE about valve seats?	5)
A) Insert seats are used only in cast-iron heads.	
B) Insert seats do not fit into a machined recess in the cylinder head of automotive engines.	
C) Exhaust valve seats run cooler in aluminum heads than in cast-iron heads.	
D) Integral exhaust valve seats operate at hotter temperatures than do insert seats.	
6) Which of these is the most common valve spring keeper?	6)
A) Horseshoe	,
B) Clip	
C) Split keepers	
D) Conical	
D) Collicus	
7) If an interference angle is machined on a valve or seat, the angle is usually	7)
A) 1 degree	· /
B) 0.005 degree	
C) 1–3 degree	
D) 0.5–0.75 degree	
D) 0.5-0.75 deglee	
8) Technician A says that valve stem height should be checked and the top of the valve ground, if	8)
necessary. Technician B says that after a thorough cleaning, the cylinder head should be	o)
· · · · · · · · · · · · · · · · · · ·	
assembled using new valve stem seals. Who is right?	
A) Technician A only	
B) Technician B only	
C) Both technicians	
D) Neither technician	
	0)
9) A valve seat should be concentric to the valve guide to a maximum TIR (total indicator runout)	9)
of	
A) 0.006 inch	
B) 0.004 inch	
C) 0.002 inch	
D) 0.0015 inch	
(a) A section devotable discondinated in the second state of	10)
(0) A valve should be discarded if the margin is less than after refacing. A) 0.001 inch	10)
·	
B) 0.006 inch	
C) 0.03 inch	
D) 0.06 inch	

Answer Key

Testname: AT6_31B

- 1) B
 - Page Ref: 319
- 2) C
- Page Ref: 318
- 3) A
 - Page Ref: 322
- 4) C
 - Page Ref: 333
- 5) C
 - Page Ref: 320
- 6) C
 - Page Ref: 324
- 7) A
 - Page Ref: 327
- 8) C
 - Page Ref: 333
- 9) C
 - Page Ref: 329
- 10) C
 - Page Ref: 325