

Name _____

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

- 1) Vehicle ride height should be checked and corrected before performing a wheel alignment.
 - A) True
 - B) False

- 2) Technician A says that alignment sensor calibration is needed to compensate for bent wheels. Technician B says that sensor calibration is needed to compensate for uneven installation of the sensor on the wheel. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 3) Technician A says that if a pull occurs sometimes to the left and sometimes to the right, this is called memory steer. Technician B says that if a vehicle pulls to one side only during acceleration, this is called torque steer. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 4) Technician A says that torque steer is normal on some FWD cars, especially during heavy acceleration. Technician B says that broken engine mounts can cause abnormal torque steer. Which technician is correct?
 - 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 torque steer is normal for many FWD vehicles. Technician B says that torque steer is normal for many RWD vehicles. Which technician is correct?
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

- 6) After the vehicle is set up on the alignment rack, perform a(n) _____ to check front caster.
 - A) angle measurement
 - B) runout check
 - C) caster sweep
 - D) height adjustment

- 7) Structural damage may be discovered by measuring _____.
- A) tire wear
 - B) frame diagonals
 - C) with a carpenter's level
 - D) toe-in

8) Use the following information to answer the question:

<i>Specifications:</i>	Min.	Preferred	Max.
Camber (deg.)	0	1.0	1.4
Caster (deg.)	.8	1.5	2.1
Toe (inch)	-.10	.06	.15
<i>Results:</i>	Left F	Right F	
Camber (deg)	-0.1	0.6	
Caster (deg)	1.8	1.6	
Toe (inch)	1.12	0.12	

The above vehicle will _____.

- A) pull toward the right and feather-edge both tires
 - B) pull toward the left
 - C) wear the outside of the left tire and the inside of the right tire
 - D) None of the above
- 9) Technician A says that the alignment sensor heads only need to be calibrated once per day. Technician B says that the alignment sensor heads should be calibrated every time they are mounted on a wheel. Which technician is correct?
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

10) Use the following information to answer the question:

<i>Specifications:</i>	Min.	Preferred	Max.
Camber (deg.)	-1/4	+1/2	1
Caster (deg.)	0	+2	+4
Toe (inch)	-1/16	1/16	3/16
<i>Results:</i>	Left F	Right F	
Camber (deg)	-0.3	-0.1	
Caster (deg)	3.6	1.8	
Toe (inch)	-1/16	+1/32	

The vehicle above will _____.

- A) pull toward the left
- B) pull toward the right
- C) wander
- D) lead to the left slightly

Answer Key

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1) A

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2) C

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3) C

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4) C

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5) A

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6) C

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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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