

Name _____

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

- 1) How are the inner tie rods attached to the rack on a center take-off type rack and pinion steering gear? 1) _____
 - A) Staked
 - B) Bolted
 - C) Riveted
 - D) Pinned

- 2) Which of the following linkage types may be used with a rack and pinion design? 2) _____
 - A) Parallelogram
 - B) Cross steer
 - C) Haltenberger
 - D) None of these are correct.

- 3) Technician A says that steering linkages with zerker fittings should be greased at least every six months. Technician B says that some steering linkage joints are sealed and do not require regular service. Which technician is correct? 3) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 4) Technician A says that steering ball socket joints do not need lubrication. Technician B says that it's a good idea to lubricate steering stops. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) A vehicle equipped with four-wheel steering will use _____ mode when moving at low speeds. 5) _____
 - A) same-phase
 - B) single-phase
 - C) opposite-phase
 - D) right-phase

- 6) Technician A says that torque prevailing nuts can be reused unless damaged. Technician B says that a new cotter key should always be used. Which technician is correct? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) Two technicians are discussing bump steer. Technician A says that an unlevel steering linkage can be its cause. Technician B says that if the steering wheel moves when the vehicle is bounced up and down, the steering linkage may be bent. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) A rack and pinion inner tie rod end is often secured by which of these methods? 8) _____
- A) Riveted or pinned
 - B) Staked
 - C) Either A or B
 - D) Neither A nor B
- 9) What steering component dampens and absorbs sudden motions in the steering linkage? 9) _____
- A) Steering dampener
 - B) Shock absorber
 - C) Drag link
 - D) None of these
- 10) Which of the following is NOT a component of a parallelogram-type steering linkage? 10) _____
- A) Pitman arm
 - B) Drag link
 - C) Center link
 - D) Idler arm

Answer Key

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1) B

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2) D

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3) C

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4) B

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5) C

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6) B

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7) C

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8) C

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9) A

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10) B

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