

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What is the maximum lateral runout specified by most manufacturers for alloy wheels?
  - A. 0.025 inch
  - B. 0.035 inch
  - C. 0.045 inch
  - D. 0.055 inch
  
2. Which material was most commonly used for wheel weights until the early 2000s?
  - A. Lead
  - B. Zinc
  - C. Steel
  - D. Thermoplastic Polypropylene
  
3. When using a rim gauge, what is the correct way to determine the shape for clip-on wheel weights?
  - A. Guessing the shape
  - B. Matching several patterns on the rim gauge
  - C. Determining the exact shape before using
  - D. Using a universal shape
  
4. How much weight is recommended to correct an imbalance condition for most standard-size passenger vehicle tires?
  - A. No more than 2.5 ounces
  - B. No more than 3.5 ounces
  - C. No more than 4.5 ounces
  - D. No more than 5.5 ounces
  
5. What should be done if more than 5.5 ounces of total weight is needed to balance a tire?
  - A. Add more weight until balanced
  - B. Remove the tire and inspect for damage
  - C. Ignore the imbalance
  - D. Inflate the tire more
  
6. What is the consequence of using a lubricant on wheel studs/nuts?
  - A. It will improve the torque accuracy
  - B. It will cause the lug nuts to loosen
  - C. It will prevent corrosion
  - D. It will make the nuts easier to remove
  
7. What is the recommended method for tire rotation to ensure each tire is used at all four wheel locations?
  - A. Linear method
  - B. Full "X" method
  - C. Modified "X" method
  - D. Random method

8. What is the effect of temperature change from 90°F to 70°F on tire pressure assuming no air loss?

- A. Increase from 35 PSI to 37 PSI
- B. Decrease from 35 PSI to 33 PSI
- C. No change in PSI
- D. Decrease from 35 PSI to 32 PSI

9. What should never be used in a tire that is equipped with a TPMS sensor?

- A. Air compressor
- B. Tire stop-leak liquid
- C. Soapy water
- D. Nitrogen

10. What is the purpose of using soapy water from a spray bottle during tire service?

- A. To lubricate the tire for installation
- B. To clean the tire surface
- C. To find the location of an air leak
- D. To enhance the appearance of the tire

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Chapter 110

Multiple Choice Quiz B

Answer Key

1. B

2. A

3. C

4. D

5. B

6. B

7. C

8. B

9. B

10. C