

Automotive Engines 10th

Quiz 4A

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

1. The strength or classification of a bolt is known as _____. 1. _____
 - A) pitch
 - B) grade
 - C) gauge
 - D) None of these

2. The grade of a fastener, such as a bolt, is a measure of its _____. 2. _____
 - A) tensile strength
 - B) hardness
 - C) finish
 - D) color

3. The number of threads per inch is referred to as _____. 3. _____
 - A) gauge
 - B) pitch
 - C) grade
 - D) None of these

4. Metric nut strength is indicated by _____. 4. _____
 - A) dimples
 - B) lines
 - C) Both A and B
 - D) Neither A nor B

5. Metric bolt grade is indicated by _____. 5. _____
 - A) numbers on the head
 - B) lines on the head
 - C) Both A and B
 - D) Neither A nor B

6. A screw that can make its own threads when installed is called a _____ screw. 6. _____
 - A) sheet metal
 - B) tapered
 - C) self-tapping
 - D) Both A and C

7. Technician A says that for best results, loosen the fastener immediately after spraying it with penetrating oil. Technician B says that rusted fasteners may be loosened by tapping with a hammer. Which technician is correct? 7. _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

8. What type of fastener is commonly used to retain interior door panels? 8. _____
- A) Christmas tree clips
 - B) E-clips
 - C) External clips
 - D) Internal clips
9. All of these are types of snap rings EXCEPT _____. 9. _____
- A) external
 - B) internal
 - C) E-clip
 - D) All of these are snap rings
10. Technician A says that the diameter of a bolt is the same as the wrench size used to remove or install the fastener. Technician B says that the length is measured from the top of the head of the bolt to the end of the bolt. Which technician is correct? 10. _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

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