

Automotive Technology 7th Edition

Chapter 11

Multiple Choice Quiz B

Name: _____ Date: _____

1. When was the English customary measuring system established?
 - A. 1000 C.E.
 - B. 1200 C.E.
 - C. 1100 C.E.
 - D. 1300 C.E.

2. The yard (36 inches) was determined to be the length from:
 - A. King Henry's nose to his toe
 - B. The length of a typical foot
 - C. King Henry's nose to the end of his outstretched hand
 - D. The length of a Roman pace

3. Who created the English customary temperature scale?
 - A. Anders Celsius
 - B. Gabriel Fahrenheit
 - C. Henry I
 - D. King Louis of France

4. In the metric system, how was the meter originally defined?
 - A. The distance of 1000 paces
 - B. 1/40,000,000 of the circumference of the earth
 - C. The distance from King's nose to his hand
 - D. The length of a yard in England

5. What instrument is most used for measuring in vehicle service and repair?
 - A. Dial Caliper
 - B. Dial bore gauge
 - C. Micrometer
 - D. Tape measure

6. Every revolution of the micrometer thimble moves the spindle how much?
 - A. 0.1 inch
 - B. 0.025 inch
 - C. 0.01 inch
 - D. 1 inch

7. What is used with a micrometer to measure the inside diameter of a hole or bore?
 - A. Dial indicator
 - B. Split-ball gauge
 - C. Depth micrometer
 - D. Telescopic gauge

8. On the Fahrenheit scale, at which temperature does water boil?

- A. 100°F
- B. 96°F
- C. 212°F
- D. 32°F

9. A dial bore gauge is primarily used to measure:

- A. Cylinder taper and out-of-round
- B. Length, inside and outside diameters, and depth
- C. Clearance between two components
- D. The inside diameter of small holes

10. What is the gear ratio if two meshed gears of the same size rotate at the same speed?

- A. 2:1
- B. 1:1
- C. 3:1
- D. 0.5:1

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Answer Key

1. C

2. C

3. B

4. B

5. C

6. B

7. D

8. C

9. A

10. B