

Automotive Technology Basics

Automotive Technology · Answer Key · 10 Questions

1. In what year did Henry Ford's Model T, a revolutionary mass-produced automobile, first roll off the assembly line?

- A) 1903
- B) 1908**
- C) 1914
- D) 1925

2. Who is widely credited with inventing the first practical automobile powered by an internal combustion engine in 1886?

- A) Gottlieb Daimler
- B) Karl Benz**
- C) Rudolf Diesel
- D) Nikolaus Otto

3. What year did the first airbag system become standard equipment in a production car (a Cadillac Eldorado)?

- A) 1969
- B) 1973
- C) 1977**
- D) 1981

4. What is the approximate typical octane rating for regular unleaded gasoline in many countries?

- A) 76
- B) 87**
- C) 91
- D) 100

5. The first successful mass-produced hybrid electric vehicle, the Toyota Prius, was introduced to the Japanese market in what year?

- A) 1995
- B) 1997**
- C) 2000
- D) 2004

6. What is the common name for the system that prevents a car's wheels from locking up during braking?

- A) ESC
- B) TCS
- C) ABS**
- D) ESP

7. How many cylinders are typically found in a V8 engine configuration?

- A) 4
- B) 6
- C) 8**
- D) 10

8. What was the approximate production number of the Volkswagen Beetle by the time its original production run ended in 2003?

- A) 10 million
- B) 21.5 million**
- C) 35 million
- D) 50 million

9. What is the primary function of a catalytic converter in a vehicle's exhaust system?

- A) Increase engine power
- B) Reduce engine noise
- C) Convert harmful emissions into less harmful substances**
- D) Improve fuel efficiency

10. What year did the first Tesla production car, the Roadster, begin deliveries?

- A) 2006
- B) 2008**
- C) 2010
- D) 2012