

# Automotive and Mechanics Practice Test Questions and Answers

## 1. What is a root cause analysis used for?

- A) To identify the underlying cause of a problem rather than just addressing symptoms
- B) To assign blame to individuals who made mistakes
- C) To calculate the financial cost of errors
- D) To document problems for annual reporting

## 2. What is detonation (engine knock) caused by?

- A) Retarded ignition timing only
- B) Fuel auto-igniting before the spark plug fires
- C) Excessive fuel enrichment
- D) Low compression ratio

## 3. What does a knock sensor detect in an engine?

- A) Camshaft position
- B) Abnormal combustion (detonation)
- C) Exhaust backpressure
- D) Fuel rail pressure

## 4. What is the purpose of a driveshaft slip yoke?

- A) Allow the driveshaft to flex laterally
- B) Accommodate changes in driveshaft length as the suspension moves up and down
- C) Balance the driveshaft
- D) Connect the u-joint to the differential pinion

**Answers: 1-A 2-B 3-B 4-B**

For More Automotive and Mechanics Questions and Answers FREE, Automotive and Mechanics Online Prep Training, Automotive and Mechanics Exam, Automotive and Mechanics Study Guide, Automotive and Mechanics Flashcards, Automotive and Mechanics Quizzes visit:

## Automotive and Mechanics Practice Test