

Union Pacific

Diesel Mechanic

Sample Test Questions

Mechanical Knowledge

This is a test of your mechanical and motor knowledge. This test contains a series of questions from topics such as basic engine knowledge, mechanical comprehension, and torque. Your task is to read each question and select the best answer from the alternatives given.

Sample Questions:

1. How do you tighten a standard thread bolt (assuming you are looking directly at the bolt)?
 - a. **Turn it clockwise**
 - b. Turn it counter-clockwise
 - c. Use a hammer
 - d. Use a screwdriver

2. What is the crankshaft supported by when an engine is running?
 - a. The connecting rod
 - b. **A thin film of oil**
 - c. The main bearing inserts
 - d. The main bearing caps

3. In order to work safely when loosening the bolts to break a flange, it is best to loosen the bolts _____ where you stand.
 - a. closest to
 - b. farthest from
 - c. **opposite from**
 - d. somewhere other than

Arithmetic Computations

This is a test of your ability to solve arithmetic problems. This test will ask you to perform general arithmetic computations (addition, subtraction, multiplication, and division) for questions involving whole numbers, fractions, decimals, and percentages. You may use a calculator and/or scratch paper when solving the problems on the test.

You will need to work quickly and accurately to complete as many items as possible.

Sample Questions:

1. 3% of 300 =

- a. **9**
- b. 33
- c. 39
- d. 90
- e. Other

2. $640 \div 25 =$

- a. 22
- b. 24
- c. 25.5
- d. 26.5
- e. **Other**

3. $\frac{6}{9}$ of 54 =

- a. **36**
- b. $\frac{54}{9}$
- c. 81
- d. 324
- e. Other

Personality Assessment

This assessment is composed of statement pairs. You need to indicate which one you agree with more. At times, it may be hard to choose because you agree or disagree with both statements. This is a normal part of the assessment. When faced with this type of choice, you should review each statement and then move the selector closer to the one you agree with slightly more.

There are no right or wrong answers to this assessment, so please answer as honestly and accurately as possible.

Sample Statements:

The screenshot displays a personality assessment interface. At the top, there is a progress bar showing 5% completion. Below this, five pairs of statements are presented, each with a slider to indicate the level of agreement. The slider is a blue bar with five white dots and a white triangle in the center. Above the slider, the labels 'Agree' and 'Slightly Agree' are positioned on both sides. The statements are as follows:

Statement 1	Agreement Level	Statement 2
I bounce back very quickly after setbacks.	Between 2nd and 3rd dots	I enjoy working with other people to achieve a common goal.
I can often persuade people to my point of view.	Between 3rd and 4th dots	I often stay calm during stressful situations.
I do all I can to achieve my goals, even though it can sometimes be very difficult.	Between 3rd and 4th dots	Whether I succeed or fail in my career, I am still the same person.
If given several tasks to complete in a short period of time, I would feel good if I completed most of them.	Between 3rd and 4th dots	My persistence has led me to finish tasks others may not have thought possible.
I sometimes like to make new friends.	Between 3rd and 4th dots	I sympathize with people who are having a bad day and always try my best to make them feel better.

On the right side of the interface, there is a green circular button with a white right-pointing arrow and a hand cursor, indicating a 'Next' or 'Continue' action.

Workplace Practices Test

This test includes questions that describe peoples' attitudes about themselves and their work. You will need to quickly answer each question in a way that best describes your own experiences, judgments, and opinions. It is very important that you answer each item honestly and as accurately as possible.

Sample questions:

I'm flexible and open to change

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

How would you describe your attitude towards safety rules on the job?

- Some safety rules actually slow work down.
- Some are more important than others.
- If you're careful, you'll never need them.
- I'm glad that companies insist on them.
- A lot of safety rules could be eliminated.