



Lesson 1: Practice Quiz

Practice Quiz, 5 questions

5/5 points (100.00%)



Congratulations! You passed!

Next Item



1 / 1
point

1. Which of the following are components of **longitudinal control**? (Select all that apply)



Braking



Correct

Correct, braking is a component of longitudinal control.



Planning



Un-selected is correct



Steering



Un-selected is correct



Accelerating



Correct

Correct, accelerating is a component of longitudinal control.



1 / 1
point

2. Which of the following is **not** an example of OEDR?



Stopping at a red light



Slowing down when seeing a construction zone ahead



Finding a route from your current location to a goal location



Correct

Correct, finding routes between locations is a long term planning problem and not OEDR.

☐ Pulling over upon hearing sirens



1 / 1
point

3. Which of the following tasks would you expect a **Level 2 system** to perform? (Select all that apply)



Change lanes



Correct

Correct, changing lanes is part of lateral control for the level 2 system.



Stay within a lane



Correct

Correct, maintaining speed is part of lateral control for the level 2 system.



Maintain constant speed



Correct

Correct, maintaining speed is part of longitudinal control for the level 2 system.



Swerve and slow down to avoid a pedestrian



Un-selected is correct



1 / 1
point

4. What is the **distinction** between Level 3 autonomy and Level 4 autonomy?



Level 3 systems cannot perform OEDR, Level 4 systems can



Level 3 systems require full user alertness, Level 4 systems do not

Correct

Correct, level 3 systems cannot handle emergencies automatically and as a result require full user alertness.

- ☐ Level 3 systems cannot drive on highways, Level 4 systems can
- ☐ Level 3 systems only have lateral or longitudinal control, Level 4 systems have both



1 / 1
point

5. What distinguishes Level 5 Autonomy from Level 4?

- ☐ Level 5 autonomy can operate on any weather condition, while Level 4 cannot.
- ☐ Level 5 has OEDR capability, while Level 4 does not.
- ☒ Level 4 has a restricted operational design domain, whereas Level 5 is unrestricted.

Correct

Correct, level 5 systems can operate in any weather condition, on any road type or surface and in any scenario and remain safe.

- ☐ Level 5 autonomy can operate on any road surface and road type, while Level 4 cannot.