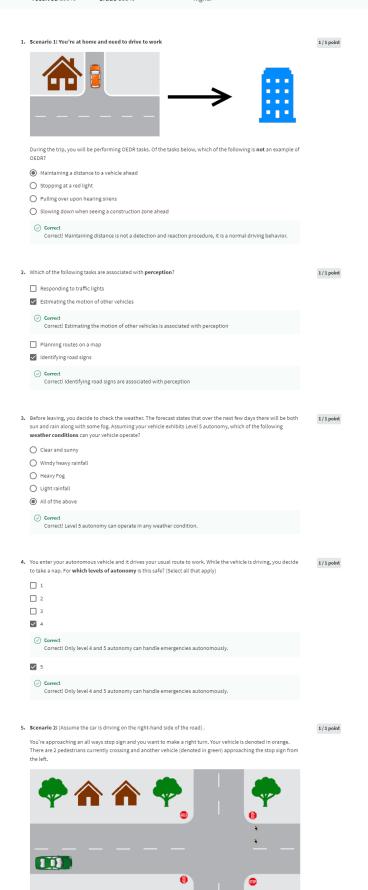
Congratulations! You passed!

Grade received 100% Latest Submission Grade 100% To pass 80% or higher Go to next item

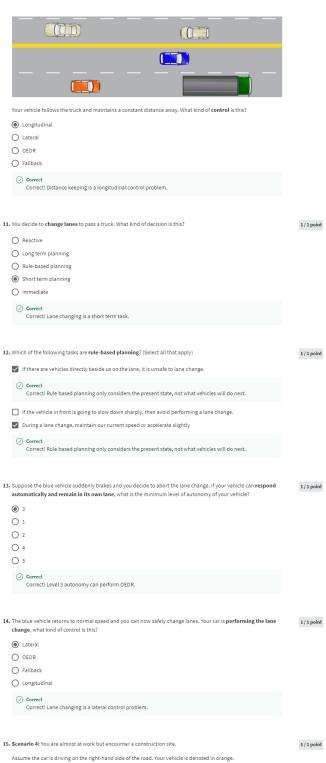


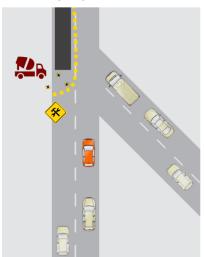


10. Scenario 3: You are on the highway and you see a truck in front of you. Assume the car is driving on the right-hand side of the road. There is also a blue car beside the truck in the other lane.









You see a construction site where the workers are repaving a road full of potholes. They are using jackhammerswhich can cause dust clouds. You create the following decision tree for getting through the construction site. From the diagram, which of the following decisions should you make? (green is true, red is false) A (True) ☑ B (False) ✓ Correct! C (True) D (False) E (True) ⊘ Correct
 Correct!
 F (False) 16. Here are a set of rules for making these decisions, arrange them in an appropriate prioritization. 1/1 point 1) If there are no vehicles ahead, accelerate to the speed limit $% \left(1\right) =\left(1\right) \left(1\right) \left($ 2) Drive slowly in construction zones 3) If there are pedestrians or workers directly ahead in the current lane, stop $\,$ 4) Yield to merging vehicles, if necessary 0 1, 2, 3, 4 2, 3, 4, 1 0 3, 4, 1, 2 3, 4, 2, 1 ○ Correct
 Correct! Prioritize safety in each case, yielding to pedestrians and then vehicles first, before defining acceptable travel speed. 17. Scenario 5: You're finished work and need to drive back home, but it's nighttime. 1/1 point You plan a new path home on your GPS application to avoid the construction site, what type of planning is this? Long term planning O Reactive O Short term planning O Immediate O Rule based planning 18. Your new path goes through a school zone and you see the school zone sign. You decide to slow down despite there being no pedestrians or children (it's nighttime). What sort of planning is this? 1/1 point Rule based planning

Correct: The rule to slow down in school zones is being followed.

Long term planning

Correct
Correct! The rule to slow down in school zones is being followed.