***Student Name:***

**Driver Training for Automated Vehicle Technology**

**Quiz**

Time: 10 min

**Mark the following True or False:**

1. Approximately 54% of serious crashes are attributable to human error. **□True □False**
2. Training is a continuous and systematic process that teaches individuals a new skill or behavior to accomplish a specific task. **□True □False**
3. Trial-and-Error is a slow and superficial process of learning **□True □False**
4. According to Society of Automotive Engineers (SAE), there are three levels of automation where human driver monitors the driving environment and two levels where the automated driving system monitors the driving environment. **□True □False**
5. The main component of the Lane Keeping Assistance System (LKAS) is a forward-facing radar, typically located ahead of the rearview mirror. **□True □False**
6. Video-based training is supported by the interactivity principle. **□True □False**
7. Familiarity with automated system components and placement should not be part of the driving training, and it only concerns automated vehicles manufacturers.
8. Purely visual or verbal instructional formats lead to better acquisition of information and foster deeper learning than a multi-media instructional format. **□True □False**
9. According to result of this study, “One size fits all” approach to ADAS training protocols will likely be effective. **□True □False**
10. According to result of this study, any type of ADAS training prior to driving will improve trust and performance as compared to no training at all. **□True □False**

**Answer Key**

1. approximately 54% of serious crashes are attributable to human error. **□True □False**

*Correct answer: False; around 94%*

1. Training is a continuous and systematic process that teaches individuals a new skill or behavior to accomplish a specific task. **□True □False**

*Correct answer: True*

1. Trial-and-Error is a slow and superficial process of learning **□True □False**

*Correct answer: True*

1. According to Society of Automotive Engineers (SAE), there are three levels of automation where human driver monitors the driving environment and two levels where the automated driving system monitors the driving environment. **□True □False**

*Correct answer: False; three levels where the automated driving system monitors the driving environment*

1. The main component of the Lane Keeping Assistance System (LKAS) is a forward-facing radar, typically located ahead of the rearview mirror. **□True □False**

*Correct answer: False; forward-facing camera*

1. Video-based training is supported by the interactivity principle. **□True □False**

*Correct answer: True*

1. Familiarity with automated system components and placement should not be part of the driving training, and it only concerns automated vehicles manufacturers.

*Correct answer: False; Familiarity with automated system components and placement should be part of the driving training.*

1. Purely visual or verbal instructional formats lead to better acquisition of information and foster deeper learning than a multi-media instructional format. **□True □False**

*Correct answer: False; combining words and pictures, humans are able to foster deeper learning*

1. According to result of this study, “One size fits all” approach to ADAS training protocols will likely be effective. **□True □False**

*Correct answer: False; not be effective*

1. According to result of this study, any type of ADAS training prior to driving will improve trust and performance as compared to no training at all. **□True □False**

*Correct answer: True*