

Q.2 Answer the following questions.

- (a) How is flow control achieved in case of TCP protocol? [3 Marks]
- (b) If you want to implement periodic real-time message transmission using Wireless LAN, how will you achieve it? Explain your solution in few sentences. [3 Marks]
- (c) Please explain how fault tolerance is achieved in a Flexray network. [3 Marks]
- (d) Do you feel the vehicle network related to Powertrain and Chassis domains are prone to network security threats? Please justify your answer with appropriate reasons. [3 Marks]
- (e) Please explain how you can handle asynchronous communications on a LIN network. [3 Marks]