Q.2 Answer the following questions related to Communication Protocols: (a) Compare UART, SPI, and I2C protocols in embedded systems. (b) How does CAN bus improve communication in automotive systems? (c) What are the advantages of using wireless protocols like Zigbee in IoT? (d) Explain the role of edge computing in embedded devices. (e) Discuss the limitations of Bluetooth Low Energy (BLE) in industrial applications. [15]