

There are 3 short questions in this quiz. There are 2 pages in this quiz booklet. Answer each question according to the instructions given.

You have **5 minutes** to answer the questions.

If you find a question ambiguous, be sure to write down any assumptions you make. **Be neat and legible.** If we can't understand your answer, we can't give you credit!

Write your name in the space below. Write your initials at the bottom of each page.

THIS IS A CLOSED BOOK, CLOSED NOTES QUIZ. PLEASE TURN YOUR NETWORK DEVICES OFF.

Any form of communication with other students is considered cheating and will merit an F as final grade in the course.

Do not write in the box below

Total (xx/10)

Name:

Student ID:

1. How many lines/wires do we need for a UART connection between a transmitter and receiver?

2. What is the minimum number of bits that must be transmitted to transmit one character in one UART frame?

- **3.** Encircle one of the following options. The UDR0 register is used for:
- (a) Receiving UART frames.
- (b) Transmitting UART frames
- (c) Both (a) and (b)

End of Question

Please double check that you wrote your name on the front of the question.