Assignment 11

Unit 13 - Week 11: Programable DMA Controller (8237), Serial I/O

Due on 2020-04-15, 23:59 IST.

As per our records you have not submitted this assignment.

1) If 00H is the address of 8237A channel 0 memory address register, then the address of channel 3 count register would be

- 03H
- 07H
- 05H
- 02H

No, the answer is incorrect. Score: 0
Accepted Answers:

- 23H

1 point

2) The signals AEN and ASGTE of 8237A are used to latch a

- Lower order address byte
- Higher order address byte
- Lower order data byte
- Higher order data byte

No, the answer is incorrect. Score: 0
Accepted Answers:

- Higher order address byte

1 point

3) In slave mode DMA controller is treated as

- Peripheral
- Processor for data transfer from memory to I/O
- Processor for data transfer from I/O to memory
- Processor for bidirectional data transfer

No, the answer is incorrect. Score: 0
Accepted Answers:

- Peripheral

1 point

4) Which of the following statement is FALSE with respect to synchronous serial data transmission

- Transmitter and receiver will be operated by the same clock
- Character is transmitted along with the synchronization informations
- Character is transmitted along with the start and stop bits
- Used for high-speed transmission with bit rates more than 20 kbps

No, the answer is incorrect. Score: 0
Accepted Answers:

- Used for high-speed transmission with bit rates more than 20 kbps

1 point

5) In order to transmit ASCII characters in serial bit format at 2000 baud, each bit time duration would be

- 0.5 ms
- 1 ms
- 2 ms
- 5.5 ms

No, the answer is incorrect. Score: 0
Accepted Answers:

- 0.5 ms

1 point

6) In order to convert data bits into audio signal which of the following is used

- Serial to parallel converter
- Parallel to serial converter
- RS-232C
- MODM

No, the answer is incorrect. Score: 0
Accepted Answers:

- MODM

1 point

7) The integrated circuit MC 1488 is used to

- Convert RS-232C levels into TTL levels
- Convert TTL levels into RS-232C levels
- Convert RS-232C current levels into RS-232C voltage levels
- Convert RS-232C voltage levels into RS-232C current levels

No, the answer is incorrect. Score: 0
Accepted Answers:

- Convert RS-232C levels into RS-232C voltage levels

1 point

8) The example of full duplex transmission is

- Computer to printer
- Computer to CRT terminal
- Computer to 7-segment display
- Computer to computer

No, the answer is incorrect. Score: 0
Accepted Answers:

- Computer to computer

1 point