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Grade	10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Which register of the [parallel port](#) is primarily used for input operations?

- A. Data register (D7..D0)
- B. Status register (S7..S3) 
- C. Control register
- D. Buffer register

The correct answer is:

Status register (S7..S3)

Question 2

Correct

Mark 1.00 out of 1.00

How many bits can the data register of a [parallel port](#) transmit simultaneously?

- A. 4 bits
- B. 8 bits 
- C. 16 bits
- D. 32 bits

The correct answer is:

8 bits

Question 3

Correct

Mark 1.00 out of 1.00

What happens to data integrity if a [parallel port](#) cable exceeds the recommended length?

- A. Data transfer becomes faster
- B. The port automatically compensates
- C. Nothing changes
- D. Data integrity can be compromised 

The correct answer is:

Data integrity can be compromised

Question 4

Correct

Mark 1.00 out of 1.00

What does SPP stand for in [parallel port](#) terminology?

- A. Super [Parallel Port](#)
- B. Standard Printer Port 
- C. Serial Parallel Protocol
- D. Simple Port Programming

The correct answer is:

Standard Printer Port

Question 5

Correct

Mark 1.00 out of 1.00

Which register of the [parallel port](#) is primarily used for output operations?

- A. Status register (S7..S3)
- B. Control register
- C. Data register (D7..D0) 
- D. Address register

The correct answer is:

Data register (D7..D0)

Question 6

Correct

Mark 1.00 out of 1.00

Which function is used to write a byte to a parallel port?

- A. `write()`
- B. `outb()`
- C. `printf()`
- D. `set_port()`

The correct answer is:

outb()**Question 7**

Correct

Mark 1.00 out of 1.00

In a common cathode 7-segment display, which terminal is connected to ground?

- A. Individual segments
- B. Common terminal
- C. Positive voltage pin
- D. None of them

The correct answer is:

Common terminal**Question 8**

Correct

Mark 1.00 out of 1.00

Which of the following can be interfaced as inputs to the parallel ports?

- A. LEDs
- B. switch
- C. alphanumeric display
- D. seven segmented display

The correct answer is:

switch

Question 9

Correct

Mark 1.00 out of 1.00

What is the fundamental difference between parallel and serial data communication?

- A. Parallel sends one bit at a time, serial sends multiple bits
- B. Parallel sends multiple bits at once, serial sends one bit at a time (✓)
- C. Parallel is faster but serial is more reliable
- D. There is no difference

The correct answer is:

Parallel sends multiple bits at once, serial sends one bit at a time

Question 10

Correct

Mark 1.00 out of 1.00

What does bidirectional communication mean in the context of parallel ports?

- A. Data can be both transmitted and received (✓)
- B. Data can only be sent
- C. Data can only be received
- D. Data is sent in binary format

The correct answer is: Data can be both transmitted and received