Quiz Questions – Embedded Linux

Lecture 6:

Question 1 – “Which virtual file system function is the device function “Reset” associated to?”

1. Write
2. **Open**
3. Read
4. Release

Question 2 – “Which virtual file system function is the device function “Power-off” associated to?”

1. Write
2. Open
3. Read
4. **Release**

Question 3 – “What is a potential problem caused by interrupt handlers?”

1. Crashes the system
2. Causes the kernel to lose track of ongoing tasks
3. **Increased latency**

Question 4 – “What is a “work queue”?”

1. **A structure in the Linux Kernel that contains a list of activities that need to be executed.**
2. A structure in the Linux Kernel that contains pointers to running tasks.
3. A list of process currently running on the kernel

Question 5 – “Which function allows the transfer of data from kernel space to user space?”

1. “copy\_from\_kernel”
2. “copy\_from\_user”
3. “copy\_to\_kernel”
4. **“copy\_to\_user”**