Table 1: EE513 Connected Embedded Systems Short Questions

Topic	2019	R	2018	R	2017	R
Micro vs. Monolithic Kernel	✓			✓	✓	
Das U-Boot	✓			✓	✓	
VCAN	✓					
I/O Pins	✓	✓	✓			
Mount Output	✓					
Soft vs. Hardlink	✓				✓	
Mutex Lock	✓		✓	✓	✓	
PS and PL	✓	✓	✓			✓
UART	✓					
systemd Target Units	✓			✓	✓	
PREEMPT patch	✓	✓	✓		✓	✓
Open-Collector/Drain circuit	✓			✓	✓	
Watchdog Timer	✓					
6LowPAN stateless header compression		✓				
Beacon Frames		✓				
LPWAN		✓	✓			✓
Balanced Signalling		✓	✓			✓
gitignore		✓				
Qt		✓				
PWM		✓		✓	✓	
IoNT vs IIoT		✓				✓
Phy and DL in CAN		✓				
Voltage Follower		✓				✓
Wisdom vs. Knowledge			✓		✓	
IIoT			✓			
User vs. Kernel Space			✓			
Zigbee vs. 6LoWPAN			✓		✓	
Gtk vs. Qt			✓			
802.15.4			✓			
git			✓			
Diode Clamping Circuit				✓	✓	
Bounce				✓		✓
chown vs. chmod			✓			
GPIO-KEYS				✓	✓	✓
PoW in Blockchain				✓		
Distributed vs. Centralised VC				✓	✓	
XACML				✓		
No-OS Programming						✓
atime						✓
Data vs. Information						✓
DTO						✓
Systemd vs. SystemV Init						✓

Table 2: EE513 Connected Embedded Systems Long Questions

Topic	2019	R	2018	R	2017	R