

Introduction to Open CL on FPGAs (Intel Coursera)

Week 2 - Runtime Layer API

Question 1:

Which of the following is a step in a typical runtime layer?

- ☐ Create a command queue
- ☐ Write to the device
- ☐ Launch kernel
- ☐ Read results back from the device
- ☒ All of the above

(Each of the steps mentioned are part of the runtime layer for running the kernel on the device)

Question 2:

Which tasks are handled by the Runtime Layer API? (select all that apply)

- ☒ Memory Managements
- ☐ Create compute contexts to manage OpenCL objects
- ☒ Host Device Synchronization
- ☒ Runs Kernels on the device

(It allocates and deallocates device memory. It also read and writes to the device. The Command Queue works as a manager between Host and Devices)