Give short answers to the following questions as they relate to this course.—-

a. Explain memory mapped I/O

b. What is the differences between full duplex and half duplex

c. Explain why a thread both get a new stacks and works on the existing stack Be specific

d. What is a “working set” and how is it advantageous to VM?

e. Immediately after a “fork” what does the child’s stack contain?
f. For disks, What is the difference between “seek time” and “rotational latency?”

g. Cache organization induces a partition of a memory address \( m \) into \( t, s, \) and \( b \) bits. What are each of these?

h. What 4 items identify a socket connection?

i. In function execution what specific purpose does register eax have?

j. What is spatial locality?