2. A deadlock will occur if the printer is not printing (out of paper, etc.) and jobs continue to spool to the server disk. Once all free space is allocated to pending jobs, jobs requesting additional disk space will create a deadlock, as they will not release the resources they already hold.

3. While releasing the resources is the opposite order than shown may have no trouble in this and some other cases, it is generally good practice to release resources inversely as compared to their assignment order to ensure that the most recent resource is released, in case it is dependent on an older resource allocation.

7. No, the discussion doesn’t say that, in fact….. ?????

9. This implies that process i needs resource j but is also requested additional resourses. The sum of Cij and Rij is greater than the total existing resources. This is deadlock, as a process cannot receive a requested resource and will not give up its current resource.

17. No. If process A has its two resources and process B has one resource and needs another, it will only lock until is done with one of its resources, then its request will get filled.

20. n<6

23. In any case where a process REQUIRES two resources to function, this is unacceptable. For example, what if a program is to utilize a socket resource and well as some memory? One of these resources will not be allotted.