

Name: _____

3. Summarize Ricart and Agrawala's algorithm for mutual exclusion in a distributed environment. (20 points)

4. Describe the general tradeoffs between deadlock detection and recovery, and deadlock prevention, in a distributed system. (15 points)

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7. Describe write-through and write-back cache modification as they are used in distributed file systems, and the advantages and disadvantages of both approaches. (15 points)

8. Distinguish between symmetric and asymmetric cryptosystems. (15 points)

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9. Explain how a cluster is better suited for use as a web server than either a parallel machine or a big personal computer fully loaded with a lot of memory and disk space. (20 points)