

**Systems Qualifier Exam  
Spring, 2005**

**Name :** \_\_\_\_\_

**SID:** \_\_\_\_\_

**Score :** \_\_\_\_\_







10. Does TMR generalize to five elements per group instead of three? If so, what properties does it have?

11. Name two advantages and two disadvantages of using centralized servers for key management.

12. In NFS, attributes are cached using a write-through cache coherence policy. Is it necessary to forward all attributes changes immediately?