

Second Third-Term Exam

*Closed book and notes; In class**Thursday, April 15th*

- ⊕ *Do not forget to write your name on the first page. Initial each subsequent page.*
- ⊕ *Be **neat and precise**. I will not grade answers I cannot read.*
- ⊕ *You should draw simple figures if you think it will make your answers clearer.*
- ⊕ *Don't forget to file your taxes or at least an extension.*
- ⊕ *Good luck and remember, brevity is the soul of wit.*

- All problems are mandatory
- I cannot stress this point enough: **Be precise**. If you have written something incorrect along with the correct answer, you should **not** expect to get all the points. I will grade based upon what you **wrote**, not what you **meant**.
- Maximum possible points: 50.

Name: _____

Problem	Points
1	
2	
3	
4	
5	
Total	

1. Describe the following terms (2 points each)

(a) DNS Resolver

(b) DNS Zone

(c) Slow Start

(d) File Swarming

(e) FQDN

3. TCP

(a) How does Fast Recovery improve TCP performance? (3 points)

(b) Other than at the beginning, when is slow-start required during a TCP connection? (3 points)

(c) Describe the “silly window syndrome” in TCP. (4 points)

