

Homework #2
ISA 666 Internet Security Protocols Spring 2006

This homework is due on 23:59:59 03/20. This is an individual homework assignment to be done by each student individually. The submission of your homework is your acknowledgement of the honor code statement

I have not taken any help on this assignment from anyone and not provided any help to anyone. The solution has been entirely worked out by me and represents my individual effort.

Please

- use a word processor (MS-Word, LaTeX, Framemaker, ...) for your solutions and submit your solutions (in pdf or postscript file) to the TA mxu@gmu.edu with “ISA 666-1 HW#2 Submission” as the subject in your email
 - include your name and G-number at the beginning of your homework submission
1. Textbook Homework 5.3 (15 points)
 2. Textbook Homework 5.14 (16 points)
 3. Textbook Homework 6.4 (15 points)
 4. Textbook Homework 6.6 (20 points)
 5. Textbook Homework 7.2 (20 points)
 6. Calculate the following (14 points)
 - $\phi(24)$ (3 points)
 - $104^{363} \bmod 91$ (5 points)
 - $204^{994} \bmod 287$ (6 points)