IS 376: INFORMATION TECHNOLOGY & SOCIETY

Exam #2 Review

Exam Date & Time: Thursday, October 30, 2014, 11:00 AM – 12:15 PM

Professor Kapatamoyo Half – 75 Points

The exam is based on Chapter 7 of J.L. Harrington’s textbook, Chapter 11 of H.T. Tavani’s textbook, assigned articles, and the PowerPoint slides.

You must be able to give examples of and articulate the concepts listed below.

You must know the following alphabet:

a) USA PATRIOT Act of 2001
b) Fourth Amendment
c) Privacy Act of 1974
d) Aspects of privacy
e) Reasonable expectation of privacy
f) Judge Posner
g) Opt-in and opt-out
h) Trust IN computers
i) Trust ON computers
j) Extended trust
k) Types of trust
l) Informed consent
m) Panopticon
n) Michel Foucault
o) Jeremy Bentham
p) Perspectives on surveillance
q) Cyberspace (definition, crimes and issues)
r) Social sorting
s) Scenarios of regulations
t) International treaties and net neutrality
u) FCC’s Open Internet Order (remember the date and the content of the order)
v) Situatedness
w) Digital divide, social divide, information divide
x) Knowledge network
y) CCTV surveillance from ground up
z) Rejecting CCTV surveillance

Professor White Half – 75 Points

Format:

Twenty-five 1-point short-answer questions (multiple-choice, true-false, matching)
One 10-point essay/discussion question (10 points = 5 minutes = 3-4 sentences)
Two 20-point essay/discussion questions (20 points = 10 minutes = 6-8 sentences)

Topics:

Edward Snowden (25 points)
Articles: “Making Sense from Snowden” and “Highlights from Making Sense of Snowden, Part II”
Course Notes: 9/30 and 10/2
Snowden Revelations and Reactions

Big Data (25 points)
Article: “Big Data and Privacy”
Course Notes: 10/14 and 10/16
Data Mining, Data Fusion, Facial Recognition, Speech Recognition, Encryption, Authentication, Anonymization, Non-Retention, Accountability

Internet Security (25 points)
Course Notes: 10/28
Firewalls, Denial of Service, Viruses, Worms, Trojan Horses, Watering Holes, Zero-Day Vulnerabilities, Ransomware, Spam, Botnets, Phishing, Madware