CS419 Questions Final Exam Questions

Please refer to

<https://arp.nmsu.edu/>

[Administrative Rules and Procedures of NMSU](https://manual.nmsu.edu/files/2013/10/03.16.16-4Ed-ARP.pdf)

Section 15

1. An employee makes a 10 cent long distance phone call. Locate the policy which addresses this situation. What should the employee do? What should the supervisor do? Is the policy reasonable?
   1. Now consider the cost of taking in 10 cents for a large organization. Create a proposed policy change that mitigates the costs of taking on small amounts of funds, and yet allows management to oversee the personal use. (for example, an employee is likely to take home a writing pen and the is just considered the cost of running an office).
2. An employee of the registrar’s office who can update data is also taking courses from NMSU. What policy addresses this issue? What sort of issues are possible?
3. A student computer is found to be blasting data on the network which registers on the Intrusion Detection System as a potential virus. What policies are in place to deal with this problem?
4. Mike works in the Admissions office and Mary is a new student orientation advisor. Mary asks for a copy of the students coming to new student registration. Mary asks for the data to be on a thumb drive or better yet on a Google drive. What policy should guide Mike?
5. A student, using university equipment, sends harassing email to others. What policy deals with this?

For the next questions, please consult the ACM or IEEE code of conduct:

1. Eric Snowden signed a document not to share data he saw at work. He stored the data and then shared it. Name at one code of conduct element which supports his action and one code of conduct element which he violated
2. Give a short description of the “Morris Worm.” You may need to google search to find out. List two code of conduct elements that were violated from this activity
3. As an employer, you find that your direct employee used his/her privileges to remove a post from a social networking site your organization maintains. The employee deleted the message because the message was derogatory towards you, the employer. You receive several complaints about the post being removed. Are there any code of conduct violations? If so, list two. If not, why?
4. A few years ago, Sony was to publish a movie called “The Interview” which depicted a scenario about North Korea. Sony systems were hacked and the intrusion looked to come from North Korea. Shortly after this discovery, North Korean computer networks were offline for several hours. Suppose the outage was engineered by the United States as retaliation for North Korean actions. Do any of our code of conducts elements support the actions of the United States?
5. In working at a Nuclear power plant, you discover a bug in a computer program which has been releasing significant amounts of radioactive material to the environment. What should you do? Do any of our code of conduct elements give us guidance? How does our code deal with the situation about the previous programmer who made an honest mistake?
6. Name three things you learned from this class.