**UECS3313**

**Computer Ethics and Professional Responsibility**

**Tutorial 2**

**Privacy**

1. State 3 aspects of privacy.
2. Give 6 examples where technology and the use of computers create new privacy issues and threats.
3. What is the basic principle behind ethical use of personal information? Describe two examples of software applications that violate this principle.
4. Provide 5 points or principles from the fair information principles.
5. The right to be forgotten means the right to have personal information removed from a website or social networking site. Discuss in detail 3 ethical issues that arise when an online company considers whether or not to remove this information.
6. Businesses, organizations, and government agencies that collect and store personal data have an ethical responsibility to protect it from misuse. Describe 5 measures of protection that they can undertake.
7. Describe in detail the free market view for regulating privacy issues. Provide 3 detailed reasons for why supporters of this view prefer to avoid restrictive legislation and detailed regulation.
8. Consider a hypothetical scenario: Google has a default policy of archiving all search queries and associating them with specific areas in Malaysia where they originate from, for purposes of targeting their advertisement programs more effectively. There is also an opt-out option possible which turns off this feature, but this option is only accessible through the settings menu which is not clearly visible on the main search page. A recent public survey has indicated the vast majority of public who utilize the Internet in Asia are not aware of Google’s tracking policies. The Malaysian government has issued a legal request to Google to provide the list of the geographic areas in Malaysia which has the highest concentration of queries containing the phrase “Najib and Altantuya”. The government refuses to provide details for this request, merely citing national security reasons. Discuss at least four ethical aspects that Google needs to consider in deciding whether or not to release this information.
9. A company sells a laser device that a person can wear around his or her neck, which when activated in the direction of a camera, makes photographs taken come out streaked and useless. The company initially marketed it to celebrities who are seeking protection from the paparazzi. Later on, others found out that the device also works well against surveillance cameras (CCTV) that are utilized in certain parts of city. Law enforcement agencies propose making the use of this device illegal. Give arguments to support and oppose this proposal.
10. A health-information website has many articles on health and medical issues, a chat room when people can discuss health issues with other users, and provisions for people to send questions through email for doctors to answer. You are part of a company hired to do a privacy audit to examine this site. Identify the significant privacy concerns in this scenario and identify at least three aspects of the system that you will need to examine to ensure that these concerns are appropriately addressed.