

Name: Suggested Answers and Marking SchemeStudent No.: P-17-1234-5**Section A: Multiple choice. For each of the multiple choice questions in this section, write the letter that best completes the statement in the blank provided. (Total: 20 marks; 1 mark per correct answer)**

1. The Pony Express went out of business when _____.

- (A) the Mexican War ended in 1846
(B) AT&T completed the national telephone network
(C) the transcontinental telegraph was completed
(D) the radio was invented

ANS.: C

2. _____ dominated the mainframe market by mid-1960s.

- (A) Remington-Rand (B) IBM (C) Microsoft (D) Apple

ANS.: B

3. A semiconductor device containing transistors, capacitors, and resistors is called a/an _____.

- (A) radio (B) computer (C) diode (D) integrated circuit

ANS.: D

4. The creator of the first browser WorldWideWeb is _____.

- (A) Gates (B) Wozniak (C) Tim Berners-Lee (D) Engelbart

ANS.: C

5. According to James Moor, taking “the ethical point of view” means _____.

- (A) deciding that other people and their core values are worthy of your respect
(B) abiding by your religious beliefs
(C) choosing to sacrifice your own good for the good of someone else
(D) putting your own self interests above those of everyone else

ANS.: A

6. Which of the following is an argument in favor of the divine command theory?

- (A) The theory equates “the good” with “God” (B) God is all-knowing
(C) The theory is not based on reason (D) The Bible has contradictory moral teachings

ANS.: B

7. A right that another can guarantee by leaving you alone to exercise the right is called a _____.

- (A) absolute right (B) positive right (C) limited right (D) negative right

ANS.: D

8. Which of the following does not respect “the ethical point of view”?

- (A) Kantianism (B) Utilitarianism (C) Ethical Egoism (D) Social Contract Theory

ANS.: C

9. The problem of moral luck is raised as a criticism of _____.

- (A) Rule Utilitarianism (B) Act Utilitarianism (C) Kantianism (D) Ethical Egoism

ANS.: B

10. Thomas Hobbes called life without rules and a means of enforcing them _____.

- (A) the state of nature (B) communism (C) anarchy (D) utopia

ANS.: A

11. Which of the following website was widely used during the “Arab Spring”?

- (A) www.888.com (B) Twitter (C) LinkedIn (D) Kiva

ANS.: B

12. In the United States, freedom of expression is _____.

- (A) a positive right (B) abolished by decisions of the U.S. Supreme Court
(C) a limited right (D) limited to political speech

ANS.: C

13. Cyberbullying is defined as inflicting psychological harm on another person using _____.

- (A) the Internet (B) phone system (C) broadcast media (D) (A) and (B)

ANS.: D

14. For which of the following intellectual property rights, an application is necessary?

- (A) Patent (B) Trade secret (C) Trademark (D) Copyright

ANS.: A

15. In 2005 Sony BMG Music Entertainment made headlines by _____.

- (A) announcing they would begin shipping CDs without digital rights management.
(B) shipping CDs that secretly installed a rootkit on Windows computers.
(C) shipping CDs that would only play on devices manufactured by Sony.
(D) purchasing the iTunes Store from Apple.

ANS.: B

16. Our textbook is protected _____.

- (A) as a trade secret (B) with a patent (C) with a trademark (D) with a copyright

ANS.: D

17. An RFID is a _____.

- (A) wireless transmitter (B) bar code (C) media player (D) biometric device

ANS.: A

18. Which of the following is **not** one of the categories in Daniel Solove’s taxonomy of privacy?

- (A) information collection (B) information filtering
(C) information processing (D) information dissemination

ANS.: B

19. The Video Privacy Protection Act _____.

- (A) makes it legal to send “adult” DVDs through the mail without a warning label on the envelope.
(B) prohibits the government from prosecuting minors who play “adult” DVDs in their own home.
(C) prohibits video stores from disclosing rental records without the written consent of the customer.
(D) All of the above

ANS.: C

20. The Fair Credit Reporting Act _____.

- (A) is designed to promote the accuracy of credit reports
(B) ensures that information about criminal convictions does not haunt a consumer’s credit report forever
(C) gives consumers the right to request a free copy of their credit report every year
(D) makes it possible for a consumer to declare bankruptcy without harming his or her credit rating

ANS.: A

Section B: True or False. For each question in this section, write T (for “True”) or F (for “False”) in the blank provided. (Total: 10 marks; 1 mark per correct answer)

- | | |
|--|----------|
| 21. Television is the device resulted in the creation of the first “on-line” communities. | <u>F</u> |
| 22. Paul Allen is a co-founder of Apple Computer. | <u>F</u> |
| 23. Ethics is a rational examination of people’s moral beliefs. | <u>T</u> |
| 24. Objectivism is based on the idea that there are no universal moral principles. | <u>F</u> |
| 25. Privacy right is an example of prudential right. | <u>T</u> |
| 26. The traditional definition of addiction focuses on the misuse of harmful substance or drug. | <u>T</u> |
| 27. The formula for Coca-Cola syrup is an example of patent. | <u>F</u> |
| 28. The U.S. Department of Justice owns the NCIC database. | <u>F</u> |
| 29. Trade secret or financial information is one of the exemptions in the Freedom of Information Act that allows the government to withhold information. | <u>T</u> |
| 30. US astronauts landed on the Moon in 1969. | <u>T</u> |

Section C: Matching. Draw lines to join the appropriate circles of the related pairs. (Total: 20 marks; 2 marks per correct answer)

- | | | |
|-----|--|-------------------------|
| 31. | First electronic computer appeared | 1945 |
| 32. | Second World War ended | Difference Principle |
| 33. | Kantianism | Time shifting |
| 34. | Utilitarianism | 1946 |
| 35. | Social Contract Theory | Space shifting |
| 36. | Xerox | Categorical Imperative |
| 37. | <i>Sony v. Universal City Studios</i> | Consequentialist theory |
| 38. | <i>RIAA v. Diamond Multimedia Systems Inc.</i> | Collaborative Filtering |
| 39. | Public records | Trademark |
| 40. | Form of data mining | Motor vehicle records |

Section D: Short questions. (Total: 25 marks; 5 marks per correct answer)

41. What are the two principal catalysts for the Information Age?

Ans.: (1) Low-cost computers. (2) High-speed communication network.

[Each catalyst carries 2.5 marks.]

42. State the Principle of Utility (Greatest Happiness Principle).

Ans.: An action is right (or wrong) to the extent that it increases (or decreases) the total happiness of the affected parties.

43. What is an absolute right? Give an example.

Ans.: An absolute right is a right that is guaranteed without exception. The right to life is an absolute right.

[The first answer carries 4 marks, and the example carries 1 mark.]

44. Name the five rights that can be provided to the owner of an original work.

Ans.: Right to reproduction, right to distribution, right to public display, right to public performance, and right to production of derivative works.

[Each right carries 1 mark.]

45. What is an opt-out policy?

Ans.: An opt-out policy allows an organization to share information it has collected about a consumer unless the individual explicitly forbids it.

(Section E is on the next page)

Section E: Long question. (Total: 25 marks)

46. (a) State the second formulation of Categorical Imperative.

(4 marks)

In an attempt to deter speeders, the East Dakota State Police (EDSP) installs video cameras on all of its freeway overpasses. The cameras are connected to computers that can reliably detect cars traveling more than five miles per hour above the speed limit. These computers have sophisticated image recognition software that enables them to read license plate numbers and capture high-resolution pictures of vehicle drivers. If the picture of the driver matches the driver's license photo of one of the registered owners of the car, the system issues a speeding ticket to the driver, complete with photo evidence. Six months after the system is put into operation, the number of people speeding on East Dakota freeways is reduced by 90 percent.

The FBI asks the EDSP for real-time access to the information collected by the video cameras. The EDSP complies with this request. Three months later, the FBI uses this information to arrest five members of a terrorist organization.

(b) Evaluate the above scenario using the second formulation of Categorical Imperative.

(7 marks)

(c) Evaluate the above scenario using Act Utilitarianism.

(7 marks)

(d) Evaluate the above scenario using Social Contract Theory.

(7 marks)

Ans.: (a) Act so that you always treat both yourself and other people as ends in themselves, and never only as a means to an end.

(b) The Kantian analysis depends upon the expectation of privacy people should have. The existence of the cameras is public knowledge. Nobody is being "used", the action appears to be morally acceptable.

(c) Benefits: number of speeding cases is greatly reduced, and the country became safer because some terrorist were arrested. Harms: privacy of some people was invaded and the freedom of a few people was restricted. In this case the benefits seem to outweigh the harms. From an act utilitarian perspective, the actions of the East Dakota State Police are morally acceptable.

(d) How much privacy should a person have while operating a motor vehicle on a freeway? If a person has a reasonable expectation of privacy, then, from the perspective of social contract theory, the East Dakota State Police may have done something wrong if it secretly gave the FBI access to the information.

[For (b), (c), or (d), the argument carries 6 marks, and the conclusion carries 1 mark. When applying the second formulation of Categorical Imperative, you should point out who treated who as a means to what end. When using Act Utilitarianism, identify and weigh the consequences of the action. When using Social Contract Theory, point out who violated whose right.]

— The End —