

CSH6 CH 3 REVIEW QUESTIONS

1. Irritated by his low grades resulting from never reading any of the assigned readings in IS342, a student forges a new e-mail message by modifying its headers so it looks as if it comes from the creepy prof; the forged e-mail makes rude comments about the president of the university and is broadcast to the entire school. Luckily, supersleuth CISO Prof Stephenson catches the creep and he's expelled from school, after which he goes to work for a large mortgage brokerage. What element of the Parkerian Hexad did the student damage by his forged e-mail?
2. A distributed-denial-of-service attack (DDoS) controlled by a criminal hacker blocks access to a commercial Website selling scented mattresses for pet elephants for several days. Which attribute of information defined in the Parkerian Hexad has the criminal hacker violated?
3. Is it possible for a single security incident to involve more than one of the elements of the Parkerian Hexad?
4. What is the acronym for the "Classic Triad" of information security?
5. What's the point of learning about the Parkerian Hexad?
6. The servers for a production database go down because electricity fails and the backup generators don't turn on. Downtime is 13 hours, causing major financial loss. Which attribute of information defined in the Parkerian Hexad has been degraded?
7. Where does the "Parkerian" come from in "Parkerian Hexad?"
8. An IS342 student prevents one of his Norwich buddies from posting a picture of herself on Facebook because she's only 18 and the picture shows her drinking seven bottles of beer in her dorm room. Which of the following elements of the Parkerian Hexad has the IS342 student prevented the tweet from violating?
9. A failing student in IS342 who has extensive hacker skills breaks into Prof Kabay's files (HAH!) and alters not only his own grades, but those of half the class – not realizing that Prof Kabay keeps daily backups and numbered versions of the data file. What element of information security did the student try to damage according to the Parkerian Hexad in his futile, laughable attempt to circumvent the elderly prof?
10. Why is "non-repudiation" not part of the Parkerian Hexad?
11. Someone accidentally converts a single measurement in a database from English to metric – without realizing it. As a result, a \$125M NASA Mars Orbiter fails. (This actually happened in 1999.) Which attribute of information in the Parkerian Hexad has the alteration damaged?
12. Why is "authentication" not part of the Parkerian Hexad?

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13. A student sits down at her roommate's computer (which is not locked with a password) and reads the answers to a quiz so she can cheat on the exam. Which of the attributes of the Parkerian Hexad has the dishonest student breached in reading the answers?
14. Why are the elements of the Parkerian Hexad described as "atomic"?
15. Why is "auditability" not part of the Parkerian Hexad?
16. What's the point of learning about the Parkerian Hexad?
17. Which of the following attributes of information is NOT part of the Parkerian Hexad?
18. What is the Classic Triad of information security?
19. A weak-willed accountant decides to try a salami scam by changing the accounting records to collect all the fractional cents computed in interest calculations on client accounts. What is the attribute of information in the Parkerian Hexad that the embezzler has violated?
20. A teenager sends a pornographic picture of himself to his friend – who promptly posts it on a Website for all to see with the sexter's real name. Which of the following attributes of information in the Parkerian Hexad has the creep who posted the picture on the Web violated?
21. Where does the "Hexad" come from in "Parkerian Hexad"?
22. Strapped for cash, an idiot drug-addict steals a check from a "friend" (hah!) and forges the friend's signature to withdraw all the money in the bank account. Which attribute of information in the Parkerian Hexad has the idiot forger violated?
23. WikiLeaks contributors take information from government or corporate systems without permission and post them for the world to see. What element of the Parkerian Hexad are the contributors violating?
24. Why is "recoverability" not part of the Parkerian Hexad?
25. Which of the following attributes of information is NOT part of the Parkerian Hexad?
26. Someone deliberately converts all the salary information in a US database from dollars to Euros without authorization. Which attribute of information defined in the Parkerian Hexad has the alteration damaged?

