

Exercise Sheet No. 4  
**Energy Informatics**  
Winter 2016

**Exercise 5**

Consider the following eight events:

- A: A burglar breaks in and steals a computer.
- B: A system administrator changes log file in order to hide that he hasn't done backups for the last two months.
- C: The power supply of the company is destroyed leading to a total blackout.
- D: An old computer used for payroll accounting has been dumped without erasing all files.
- E: A hacker breaks into the computer system, manipulates the system in order to steal data and leaves without traces.

1. Complete the following table: What kind of threat is posed by an event (multiple answers possible). 5 P

Event	A	B	C	D	E
Masquerade					
Eavesdropping					
Authorization violation					
Loss or alteration of information					
Denial of communication					
Falsifying communication					
Sabotage					

2. Complete the following table: What kind of security objective is violated? 5 P

Event	A	B	C	D	E
Confidentiality					
Anonymity					
Accountability					
Availability					
Access Control					