**INF214 – Eksamen Haust 2020**

**1)**

1. Yes
2. No
3. Yes
4. Yes
5. Yes
6. Yes
7. Yes
8. ?
9. Yes
10. Yes
11. Yes
12. No
13. No
14. Yes
15. No
16. Yes
17. No
18. No ?
19. No
20. Yes
21. Yes
22. No
23. No
24. No

**2)**

2.1) A volatile variable is a special variable in Java that is used when you want to notify the program about a variable that is updated by multiple threads in the program.

2.2) PoisonPill in Java is a built in tool that helps shutting down a program safely when needed. We have seen something similar when talking about sentinel values.

2.3) The waiting time of a thread is increased and the performance of the system is affected.

2.4) An actor will receive a message and do something depending on which message it received. Actors holds control of their own state and cannot be modified by other actors. An actor has a mailbox that messages are stored if he received multiple.

2.5) ?