Revision Questions for COB201 Exam

Q1.   Identify the personal information which the existing fast food order companies in UK (e.g. Just-Eat, Deliveroo) could potentially hold. Give consideration to advanced data gathering technologies and techniques.

Q2.   The table below holds 10 million online food orders from 'Just-Eat' customers:
Food Order Table

Customer Name	Customer Address	Customer Phone No	Order Details	Order Date	Order Time
Bob	12 Green Dale Street LE11 3TU	0792...	Pizza ...	1/1/2019	20:00
...	...	...	...	...	...

Explain how sensitive personal data could be deduced from the table above.

Q3.   A nuclear missile is about to be launched. Rebecca, a security expert, has been asked to hack the network and prevent the launch. With a team of other activist and security experts they have decided to work together and stop the missile.
However, she is not sure about her decision. What should she do?

   a)   What solution does a Kantian approach (Deontological Ethics) offer?
   b)   What solution does a consequentialist approach (Utilitarian Ethics) offer?
   c)   Are their conclusions the same?
   d)   What do you think she should do and why ?

Q4.   Briefly explain Ransomware and DoS attacks

Q5.   What kinds of computer misuse are covered by the UK Computer Misuse Act (1990)?

Q6.   Applicants for a lectureship post were asked by ABC University for his/her political view on abortion that is irrelevant to the post.
Identify and explain which of the principles of the UK Data Protection Act (2018) were breached?

Q7.   A local council has decided to outsource its customer telephone enquiries to a company running a call centre in the UK.
What will the Data Protection Officer at the council need to do to ensure that the call centre is compliant with the DPA (2018)?

Q8.   Describe the main arguments in favour of freedom of expression in the fields of politics.

Q9.   Can censorship ever be justified?

Q10. What is the PRIMARY purpose of freedom of information act?

Q11. Describe five exemptions against disclosure under the FOI act?

Q12. Give a FOI request example that Loughborough Domino's Pizza Could make to support their business.

Q13. Define the term DDOS attack, and briefly explain how to defend against it.

Q14. Explain how internet hackers could utilise "Network Scanners" to attack computers on a local network.

Q15. Which parts of computer program design are not protected by copyright?

Q16. What does database right protect?

Q17. Give three examples of legal employee monitoring activity in the workplace.

Q18. Name the act that applies to each of the following statements:

Statement	Act
Part of the data stored in health clinic servers have been shared with a third party company without the clients knowledge	
Someone hacked into the clinic databases and accessed confidential data	
The clinic informed all the users having data stored on the hacked database	
The clinic accepted to comply with any request of information they hold, according to their publication scheme.	

Q19. Below is a list of key areas that apply to Data Governance. In the following table, indicate the Key Area that applies to each statement. List of key areas.
  a. Retention Management (RM)
  b. Records Management (RecM)
  c. Defensible Disposal (DD)
  d. Information Storage (IS)
  e. Social Media (SM)

Statement	Key area
Eliminate irrelevant or duplicate data	
Data categorisation is important to help in data management	
Identify emerging and new technologies that might be deployed to increase business benefit	
Data is kept for a specific period of time; a policy will dictate what to do the period expires	