Personal Data

Personal Privacy	Data is being collected regardless of whether we consented
Data Security	It could be dangerous if the data that has been collected is used maliciously by unauthorized users.
Misuse of Data	Data is frequently sold to other organizations for other uses.
Big Brother	Privacy is a basic human right that excessive surveillance can violate.
Profiling	Large organizations may build up data on an individual regardless of whether they consent to it or even use the service.

Data Protection Act

Any organization which stores personal data must register with the **Information Commissioner**.

Data must be:

1. Lawfully processed

2. Processed for limited purposes

3. Not excessive

4. Accurate

5. Not kept longer than necessary

6. Not in violation of the user's rights

7. Held securely

8. Not transferred outside the EU unless the country has adequate data protection laws.

Freedom of Information Act

This gives individuals the right to **request** certain types of data from government entities such as hospitals, police or schools.

Copyright, Designs and Patents Act

This gives creators more control over how their creations are used in terms of **copying or adapting them without permission**.

BCS Code of Conduct

The **BCS Code of Conduct** is a code of ethics that individuals and organizations should follow. Breaches of this code may make it difficult for the person to find work or keep their job. Being a member of the **B**ritish **C**omputer **S**ociety involves following this code.

> **1.** Act in the public interest.
> **2.** Have a duty to the organization they work for.
> **3.** Have a duty to the profession.
> **4.** Maintain professional integrity.

Legal Acts

1. **Data Protection Act**
2. **Computer Misuse Act**
3. **Freedom of Information Act**
4. **Regulation of Investigatory Powers Act**
5. **Copyright, Designs and Patents Act**

Regulation of Investigatory Powers

This act is not specific to computing, though it does involve itself heavily in technology and the Internet.

This act gives law enforcement the **right to intercept communication** if they suspect criminal activity.

Also, they are given the **right to decipher data** by forcing the user to tell them how to decrypt it, i.e divulging a key.

Moral and Social Issues

Unauthorised Access	Hackers may obtain access to a computer system for either ethical or unethical reasons.

Moral and Social Issues (cont)

Piracy	Some people believe that illegally downloading software is permissible due to its price or the exploitative nature of software companies.
Cyberbullying	The anonymous nature of the Internet may lead to people acting more maliciously than they would offline.
Pornography, Violence and Hatred	There is concern as to what impact these things may have on young people or society in general.
Freedom of Speech	This is the question as to whether people should be allowed to say whatever they want without fear of censorship.
Unemployment	Some people may be replaced by Internet or technological alternatives, such as online banking or automated cash registers.
Acess to the Internet	**15%** of the UK population do not have Internet access, which may put them at a great disadvantage in the modern world.



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Computer Misuse Act

This aims to prevent hacking and contains three offences:

1. Any unauthorized access to computer systems

2. Unauthorized access with further criminal intent

3. Unauthorized modification of computer material

Cultural Issues

Excessive Use of Data

> We may be too dependent on data. Most decisions made by any organization are based on data analysis.

Invasive Technologies

> A lot of personal data is collected without our consent.

Over-Reliance on Computers

> If a computer system fails, conseq-uences can be dire. People may even die in some circumstances, i.e in hospitals.

Over-Reliance on Corporations

> Giving monolithic entities(Google, Wikipedia) a lot of control over what we view on the Internet can be damaging.

Globalization

> We may be more influenced by other parts of the world more than ever before.



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