Mobile technologies

Questions will focus on:

- **E**thical
- **E**nvironmental
- **L**egal

Mobile technologies

Legal - Communications Act 2003 governs use of wifi. Insecure networks can cause data leaks (Data Protection Act etc…).

Police and other authorities can access private comms = privacy issue

Mobile technologies

- Continuous availability - pros and cons
- Attention removed from other tasks (e.g. driving)
- Cost to access and run (e.g. data costs)
- Environmental costs of charging continuously - Global Climate Change
- Use of finite resources - e.g. lithium and indium

Mobile technologies

- Environmental impacts of mining - water and air pollution, habitat destruction
- Social impacts of mining - child labour, working conditions, health problems (e.g. lung disease)

Mobile technologies

- Mobile tech allows access where none might exist - e.g. in West Africa it's cheaper and easier to provide a mobile network than a cabled network. Same can be true in many remote areas
- Use of cow health apps (iCow) by cattle farmers in Kenya - improving income and quality of life
- But access to data signal is an issue in remote areas in the UK = a two tier system