3.8 Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy

Content	Additional information	Chk
Explain the current ethical, legal and environmental impacts and risks of digital technology on society. Where data privacy issues arise these should be considered.	Exam questions will be taken from the following areas: • cyber security • mobile technologies • wireless networking • cloud storage • hacking (unauthorised access to a computer system) • wearable technologies • computer based implants • autonomous vehicles. Students will be expected to understand and explain the general principles behind the issues rather than have detailed knowledge on specific issues. Students should be aware that ordinary citizens normally value their privacy and may not like it when governments or security services have too much access. Students should be aware that governments and security services often argue that they cannot keep their citizens safe from terrorism and other attacks unless they have access to private data.	