

1. Even though the computer devices they own still work, people often want to buy the most up-to-date models, such as the latest smartphone.

Discuss the impact of people wanting to upgrade to the latest smartphone.

In your answer you might consider the impact on:

- stakeholders
- technology
- ethical issues
- environmental issues

[8]

END OF QUESTION paper

Mark scheme

Question			Answer/Indicative content	Marks	Guidance
1				Enter text here.	
			Mark Band 3-High Level (6-8 marks) The candidate demonstrates a thorough knowledge and understanding of a wide range of considerations in relation to the question; the material is generally accurate and detailed. The candidate is able to apply their knowledge and understanding directly and consistently to the context provided. Evidence/examples will be explicitly relevant to the explanation. The candidate is able to weigh up both sides of the discussion and includes reference to the impact on all areas showing thorough recognition of influencing factors. <i>There is a well-developed line of reasoning which is clear and logically structured. The information presented is relevant and substantiated.</i> Mark Band 2-Mid Level (3-5 marks) The candidate demonstrates reasonable knowledge and understanding of a range of considerations in relation to the question; the material is generally accurate but at times underdeveloped. The candidate is able to apply their knowledge and understanding directly to the context provided although one or two opportunities are missed. Evidence/examples are for the most part implicitly relevant to the explanation. The candidate makes a reasonable attempt to discuss the impact on most areas, showing reasonable recognition of influencing factors. <i>There is a line of reasoning presented with some structure. The information presented is in the most part relevant and supported by some evidence.</i> Mark Band 1-Low Level (1-2 marks) The candidate demonstrates a basic knowledge of considerations with limited understanding shown; the material is basic and contains some inaccuracies. The candidate makes a limited attempt to apply acquired knowledge and understanding to the context provided. The candidate provides nothing more than an unsupported assertion. <i>The information is basic and communicated in an unstructured way. The information is supported by limited evidence and the relationship to the evidence may not be clear.</i> 0 marks No attempt to answer the question or response is not worthy of credit.	8	The following is indicative of possible factors/evidence that candidates may refer to but is not prescriptive or exhaustive: Indicative Content: Stakeholders - Can adversely affect people in this country and abroad: - health issues - financially - socially - culturally - The phone manufacturers - The phone shops/networks Technology - The type of devices that are disposed of - Modern phones poorly designed for durability - Phones hardware not upgradeable/replaceable - Proprietary technology used by some manufacturers Environmental - Reference to e-waste (people dispose of their devices in landfill even if they are in good working order) - Some equipment is also sent abroad to be disposed of - Leads to excessive landfill (in this country and/or abroad, e.g. Africa and Asia) - Toxic waste released into land, ground water (in this country and/or abroad, e.g. Africa and Asia) - Waste of resources Precious metals in phones Ethical Issues - Contributes to ill health - Contributes to the digital divide - Contributes to social divide - Problem of confidential data stored on the devices - Puts social pressure on parents to pay for the children to upgrade - Puts social pressure on the public to upgrade - Can lead to bullying of those who cannot afford the latest technology - Phone manufacturers intentionally designing fragile phones so they need to be replaced more often - High cost of new devices.
			Total	6	

