

Oxford Revise | OCR Computer Science | Answers

Chapter 6 Operating systems

Question	Answer	Extra information	Marks	AO / Specification reference
1	Any three from: Naming files Allocating to folders Moving files Saving files	These are the file management features identified on the syllabus, so it is best to use these in your answers. This question asks for three features, so only give a maximum of three features. Your first three answers will be marked.	1 1 1	AO1 1.5.1

Question	Answer	Extra information	Marks	AO / Specification reference
2	<p>Any two from:</p> <p>Utility software: Encryption software Purpose: Converts plain text to cypher text, to protect data from being understood if it is intercepted / accessed.</p> <p>Utility software: Defragmentation Purpose: Rearranges data on secondary storage devices, so that files are stored in contiguous / continuous blocks.</p> <p>Utility software: Data compression Purpose: Makes file sizes smaller, so that they can take up less storage space / be transmitted more quickly over the internet.</p>	<p>Two types of utility software are required in this question. The types listed are those given on the syllabus, so it is best to use those.</p> <p>For each type of software that you choose, 1 mark is available for naming it, and then up to 2 marks for the description. To get both marks, your description must say more than one point, or be an extended sentence.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>AO1/AO2</p> <p>1.5.2</p>

Question	Answer	Extra information	Marks	AO / Specification reference
3	<p>The operating system will support a few tasks related to washing clothes such as different washing programs.</p> <p>The user interface on the washing machine only allows the user to select wash programs or make limited adjustments within those programs.</p> <p>The functions of the embedded system are unlikely to change.</p>	<p>1 mark for each correct characteristic, in context, up to a maximum of 3:</p> <p>Supports a few tasks relevant to the device.</p> <p>Simple user interface limited to those tasks.</p> <p>Functions of the device unlikely to change.</p> <p>This type of question doesn't need a great amount of detail, but it is best to apply the characteristics, listed above, to the type of device given in the scenario, in this case, a washing machine.</p>	<p>1</p> <p>1</p> <p>1</p>	<p>AO2</p> <p>1.1.3</p>