OCR
Oxford Cambridge and RSA

UNIT 1.7 SYSTEM SOFTWARE – LESSON 2 MCQS

The numbers after the question are an approximate estimation of relative difficulty, broadly based around the new GCSE Numbering System. Please note that these were produced before final guidance was released regarding levels of difficulty and as such should be used as a rough guide only.

Question 1: which one of the following is not a Utility Program? (4-6)	✓
Disk Defragmentation Tool	
Disk Formatter	
Web Browser	
Anti-Virus Software	
Question 2: Utility programs are usually…..? (1-3)	✓
Part of the Operating System	
Bought on a disk from a store	
Only needed if you connect to the Internet	
Very Expensive to buy	
Question 3: Lossy Compression is…..? (7-9)	✓
Usually performed on text	
When some original data is lost and the original file cannot be re-created	
The original file can be re-created from the compressed file	
Turning the text into a format that only a reader with a key can decrypt it	
Question 4: Lossless Compression is….? (7-9)	✓
Usually performed on text	
When some original data is lost and the original file cannot be re-created	
The original file can be re-created from the compressed file	
Turning the text into a format that only a reader with a key can decrypt it	
Question 5: A fragmented hard drive is one in which…..? (4-6)	✓
Program instructions and data are spread across tracks and sectors on the hard disk drive	
Programs and instructions are grouped together to occupy a continuous section of the hard disk drive	
A hard disk drive that has been dropped and broken into lots of pieces	
The hard disk drive is split into portions each representing a different logical drive.	
Question 6: To scramble data so that it is unreadable is a form of….? (4-6)	✓
Compression	
Encryption	
Backing up	
Defragmentation	
Question 7: This method of backup takes longer to perform (4-6)	✓
Incremental	
Differential	
Full	
Fragmented	

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Question 8: This method of backup is quicker to perform once an initial backup file is created (7-9)	✓
Incremental	
Differential	
Full	
Fragmented	
Question 9: This type of back-up is quicker to restore from? (7-9)	✓
Incremental	
Differential	
Full	
Fragmented	
Question 10: This type of back-up is slowest to restore from? (7-9)	✓
Incremental	
Differential	
Full	
Fragmented	

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UNIT 1.7 SYSTEM SOFTWARE – LESSON 2 MCQS ANSWERS

Question 1: which one of the following is not a Utility Program? (4-6)	
Disk Defragmentation Tool	
Disk Formatter	
Web Browser	
Anti-Virus Software	✓
Question 2: Utility programs are usually…..? (1-3)	
Part of the Operating System	✓
Bought on a disk from a store	
Only needed if you connect to the Internet	
Very Expensive to buy	
Question 3: Lossy Compression is…..? (7-9)	
Usually performed on text	
When some original data is lost and the original file cannot be re-created	✓
The original file can be re-created from the compressed file	
Turning the text into a format that only a reader with a key can decrypt it	
Question 4: Lossless Compression is….? (7-9)	
Usually performed on video files	
When some original data is lost and the original file cannot be re-created	
The original file can be re-created from the compressed file	✓
Turning the text into a format that only a reader with a key can decrypt it	
Question 5: A fragmented hard drive is one in which…..? (4-6)	
Program instructions and data are spread across tracks and sectors on the hard disk drive	✓
Programs and instructions are grouped together to occupy a continuous section of the hard disk drive	
A hard disk drive that has been dropped and broken into lots of pieces	
The hard disk drive is split into portions each representing a different logical drive.	
Question 6: To scramble data so that it is unreadable is a form of….? (4-6)	
Compression	
Encryption	✓
Backing up	
Defragmentation	
Question 7: This method of backup takes longer to perform (4-6)	
Incremental	
Differential	
Full	✓
Fragmented	

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UNIT 1.7 SYSTEM SOFTWARE – LESSON 2 MCQS ANSWERS

Question 8: This method of backup is quicker to perform once an initial backup file is created (7-9)	
Incremental	✓
Differential	
Full	
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Question 9: This type of back-up is quicker to restore from? (7-9)	
Incremental	
Differential	
Full	✓
Fragmented	
Question 10: This type of back-up is slowest to restore from? (7-9)	
Incremental	✓
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