

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 of the following is not a type of storage. (1/2)		✓
Optical		
Magnetic		
Solid State		
Hard Drive		
Question 2: What type of storage is a DVD ROM? (1/2)		✓
Optical		
Magnetic		
Solid State		
It is not a storage device		
Question 3: What type of storage is a USB memory stick? (4/5)		✓
Optical		
Magnetic		
Solid State		
It is not a storage device		
Question 4: What type of storage is a SSD card? (4/5)		✓
Optical		
Magnetic		
Solid State		
It is not a storage device		
Question 5: What type of storage is a HDD? (4/5)		✓
Optical		
Magnetic		
Solid State		
It is not a storage device		
Question 6: Which of the following types of storage would likely access its data the fastest? (4-6)		✓
Optical		
Magnetic		
Solid State		
It is not a storage device		
Question 7: Which of the following types of storage is the most durable? (9)		✓
Optical		
Magnetic		
Solid State		
They are all the same		

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MCQs and Answers

MCQs

Question 8: Which of the following types of storage is the most expensive per MB/GB? (9)	✓
Optical	
Magnetic	
Solid State	
They are all the same	
Question 9: Why is a Hard Disk Drive (HDD) not very portable? (9)	✓
It has moving parts	
It is too large	
It will break if you touch it	
It is too small	
Question 10: Why does a laptop need secondary storage? (1/2)	✓
To backup files to move to another computer	
To store data, files and software for future use	
To storage programs that are currently running	
To store data that the processor needs	
Question 11: Which type of storage uses lasers to write the data? (4/5)	✓
Optical	
Magnetic	
Solid state	
All types	
Question 12: The types of storage are listed below from fastest to slowest. Which order is correct? (9)	✓
Solid State, Optical, Magnetic	
Optical, Magnetic, Solid State	
Magnetic, Optical, Solid State	
Solid State, Magnetic, Optical	
Question 13: The types of storage are listed below from least expensive per GB to the most expensive per GB. Which order is correct? (9)	✓
Solid State, Optical, Magnetic	
Optical, Magnetic, Solid State	
Magnetic, Optical, Solid State	
Solid State, Magnetic, Optical	
Question 14: The types of storage are listed below from the most reliable to the least reliable per GB. Which order is correct? (9)	✓
Solid State, Optical, Magnetic	
Optical, Magnetic, Solid State	
Magnetic, Optical, Solid State	
Solid State, Magnetic, Optical	

MCQs

Question 15: How many bytes are there per character in a text file? (1/2)		✓
0.5		
1		
1.5		
2		
Question 16: Which is the smallest of these data capacities? (4/5)		✓
2 KB		
2049 bytes		
0.5 MB		
3gb		
Question 17: Which is the largest of these data capacities? (9)		✓
2048 MB		
2 GB		
2050 MB		
100000 KB		
Question 18: Which formulae can be used to estimate the file size of an image? (7-9)		✓
number of pixels * number of bytes per pixel		
number of pixels * 1.1		
number of pixels wide * number of pixels high * number of bytes per pixel * 1.1		
number of pixels wide * number of bytes per pixel * number of pixels * 1.1		
Question 19: Which formulae can be used to estimate the file size of a sound file? (7-9)		✓
bytes per sample * channels * height + number of minutes		
samples per second * number of seconds * 1.1		
samples per second * bytes per sample * duration		
samples per second * samples per second * channels * duration		
Question 20: How many bytes are needed to store 32769 different colours? (9)		✓
1		
2		
3		
4		

MCQs ANSWERS

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