

# AQA Computer Science A Level

## 4.5.5 - Information Coding Systems

### Flashcards

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# What is meant by a character code?



# What is meant by a character code?

A decimal digit used to represent a character



# For what does ASCII stand?



For what does ASCII stand?

American Standard Code for Information  
Interchange



How many bits does ASCII use?



# How many bits does ASCII use?

7



What is the primary disadvantage of majority voting?





What is the primary disadvantage of majority voting?

The volume of data being transmitted is increased, increasing the time taken to transmit data.



Which uses more bits,  
ASCII or Unicode?



Which uses more bits, ASCII or Unicode?

Unicode



01101011 is to be transmitted using odd parity. What would be the value of the parity bit?



01101011 is to be transmitted using odd parity. What would be the value of the parity bit?

0



Which can represent a greater variety of alphabets, ASCII or Unicode?



Which can represent a greater variety of alphabets,  
ASCII or Unicode?

Unicode



Which form of error checking can also correct errors in transmission?





Which form or error checking can also correct errors in transmission?

Majority voting



1011 is to be transmitted using even parity. What would be the value of the parity bit?



1011 is to be transmitted using even parity. What would be the value of the parity bit?

1



What happens if a checksum does not match the received data?



What happens if a checksum does not match the received data?

The recipient asks the sender to retransmit the data

