Introduction -

AQA GCSE Computer Science Computing is of enormous importance to the economy, and the role of Computer Science as a discipline itself and as an ‘underpinning’ subject across science and engineering is growing rapidly.

Computer technology continues to advance rapidly and the way that technology is consumed has also been changing at a fast pace over recent years.

The growth in the use of mobile devices and web -related technologies has exploded, resulting in new challenges for employers and employees.

For example, businesses today require an ever -increasing number of technologically -aware individuals.

What will it be like?

Paper 1: Computational Thinking & Problem Solving What is assessed Fundamentals of algorithms Programming Questions A mix of multiple choice, short answer and longer answer questions assessing programming, practical problem solving and computational thinking skills How it is assessed Written exam: 2 Hours Total: 90 marks 50% of GCSE Examined – End of year 11

Paper2: Computing Concepts What is assessed Fundamentals of data Representation Computer systems Fundamentals of computer networks Cyber security Relational databases and SQL Ethical, legal and environmental impacts of digital technology Questions

A mix of multiple choice, short answer and longer answer and extended questions assessing SQL programming skills and theoretical knowledge.

How it is assessed

Written exam: 1 hour 45 minutes Total: 90 marks 50% of GCSE Examined – End of year 11