

Cambridge AS Level Computer Science – Theory Examination Questions and Answers

176 ✓ Convert Denary 374 to Hexadecimal.

2DF ✓ Convert Denary 735 to Hexadecimal.

110110110111 ✓ Convert Hexadecimal DB7 to Binary.

64001 ✓ Convert Hexadecimal FA01 to Decimal.

The binary number obtained by subtracting each digit in a binary number from 1.

✓ Define one's compliment.

The one's compliment of a binary number plus 1. (for negatives only) ✓ Define two's compliment.

1111 ✓ Show Decimal -7 as a 4 bit sign and magnitude binary.

0110 ✓ Show Decimal 6 as a 4 bit sign and magnitude binary.

0101 ✓ Convert Decimal 5 to 4 bit One's Complement Binary

1001 ✓ Convert Decimal -6 to 4 bit One's Complement Binary

0111 ✓ Convert Decimal 7 to 4 bit Two's Complement

1001 ✓ Convert Decimal -7 to 4 bit Two's Complement

-8 ✓ In 4 Bit two's compliment what is the value of the most significant bit?

-8 ✓ What is the Two's Complement of the Binary 1000?

A nibble ✓ What is the term for 4 bits?

Binary Coded Decimal ✓ What does BCD stand for?

Computer Science Theory Questions And Answers

JG Myers



Computer Science Theory Questions And Answers:

Reviewing **Computer Science Theory Questions And Answers**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Computer Science Theory Questions And Answers**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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