1. In CRC, show the relationship between the following entities (size means the number of bits):

1. The size of the dataword and the size of the codeword
2. The size of the divisor and the remainder
3. The degree of the polynomial generator and the size of the divisor
4. The degree of the polynomial generator and the size of the remainder

2.What kind of arithmetic is used to add data items in checksum calculation?

3.What kind of error is undetectable by the checksum?

4. Can the value of a checksum be all Os (in binary)? Defend your answer. Can the value be allIs (in binary)? Defend your answer