

本份試題總分 100，作答時請務必按照題號順序

一、選擇題（共 30 題，每題 1 分）

1. In _____ transmission, the channel capacity is shared by both communicating devices at all times.
 - (a). Simplex
 - (b). Half-duplex
 - (c). Full-duplex
 - (d). Half-simplex
2. In asynchronous transmission, the gap time between bytes is _____.
 - (a). Fixed
 - (b). Variable
 - (c). A function of the data rate
 - (d). Zero
3. In 16-QAM, there are 16 _____.
 - (a). Combinations of phase and amplitude
 - (b). Amplitudes
 - (c). Phases
 - (d). Bps
4. In cyclic redundancy checking, the divisor is _____ the CRC.
 - (a). The same size as
 - (b). 1 bit less than
 - (c). 1 bit more than
 - (d). 2 bits more than
5. If odd parity is used for ASCII error detection, the number of 0s per 8-bit symbol is _____.
 - (a). Even
 - (b). Odd
 - (c). Indeterminate
 - (d). 42
6. Flow control is needed to prevent _____.
 - (a). Bit errors
 - (b). Overflow of the sender buffer
 - (c). Overflow of the receiver buffer
 - (d). Collision between sender and receiver
7. When a primary device asks a secondary device if it has data to send, this is called _____.
 - (a). Polling
 - (b). Selecting
 - (c). Reserving
 - (d). Backing off