

系所組別： 電信管理研究所乙組

考試科目： 通訊導論

考試日期： 0225，節次： 3

1. Please explain the following terms in detail.
 - (a) AWGN (5%)
 - (b) EIRP (5%)
 - (c) GMSK (5%)
 - (d) RFID (5%)
2. Describe the sampling process for converting an analog signal into a digital bit stream.(20%)
3. What is eye pattern in a communication system? Describe how the eye pattern can be used to evaluate the performance of a communication system. (20%)
4. Describe in detail the frequency reuse and cell splitting schemes in a cellular communication system. (20%)
5. Compare the characteristics of wired medium and wireless medium in data communications. (20%)