

**Digital Communication**  
**Important 10 Mark questions**

**Unit I**

1. Explain the block diagram of digital communication system.
2. Explain the channels used for digital communication system.

**Unit II**

1. Draw the block diagram of formatting and transmission of base band signals.
2. Explain pulse code modulation and PCM wave form types.

**Unit III**

1. What is error control? Explain forward error correction code.
2. Explain hamming code with example.

**Unit IV**

1. Draw and explain the block diagram of MSK transmitter.
2. Explain TDM with neat diagram.

**Unit V**

1. Draw and explain the block diagram of direct sequence spread system.
2. Explain CDMA digital cellular system with diagram.