



1. Obtains code vector for 0010 and 0011
2. Find corresponding parity check matrix.

- Q.5 (A) Explain BPSK transmitter and receiver block diagram and draw waveforms. 10  
(B) What is matched filter. Explain properties of Matched filter. 10
- Q.6 (A) Explain soft decision and hard decision decoding. 10  
(B) Explain benefits of digital communication and explain block diagram of digital communication system. 10