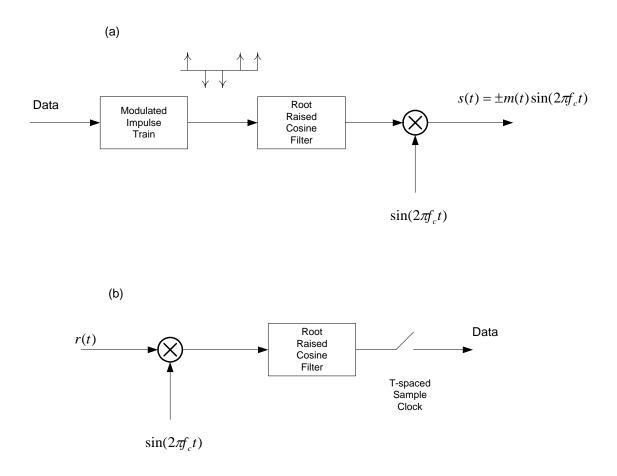
**Problem 10.7** Sketch a block diagram of a transmission system including both transmitter and receiver for BPSK modulation with root-raised cosine pulse shaping.

## **Solution**

The BPSK transmitter with root-raised cosine pulse shaping is shown in (a), and the corresponding BPSK receiver is shown in (b).



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