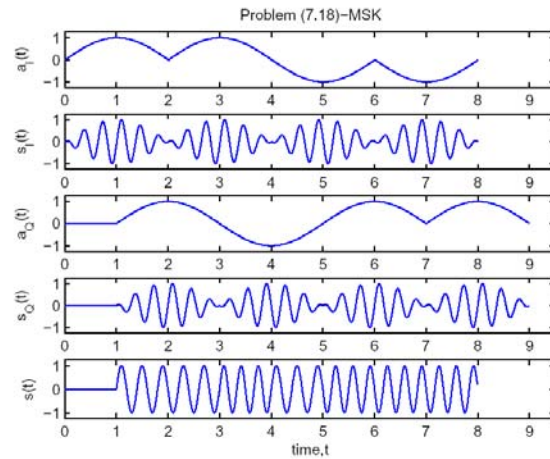**Problem 7.18**

Figure 1

In plotting the MSK waveform and its constituents shown in Fig. 1, the following two points should be noted:

(i) Time t is measured in microseconds.

(ii) Synchronism is assumed between the timing waveform responsible for generating the incoming binary sequences (and therefore the constituent sequences $s_I(t)$ and $s_Q(t)$) and the clock responsible for generating the carrier.