- **5.32** Consider the signal with the amplitude spectrum shown in Figure P5.32. Let $x_s(t) = x(t)p(t)$ represent the sampled signal. Draw $|X_s(\omega)|$ for the following cases:
 - (a) $T = \pi/4 \sec$
 - **(b)** $T = \pi/2 \sec$
 - (c) $T = 2\pi/3 \sec$







