1.5 #1
$$tan(-\frac{\pi}{3}) = -tan(\frac{\pi}{3}) = -\frac{sin\frac{\pi}{3}}{\omega s\frac{\pi}{3}} = -\frac{\frac{1}{3}}{\frac{1}{2}} = -\frac{1}{3}$$

B is the answer

#10
$$f(-x) = sin(-6(-x)) + (-x)^3$$

= $sin(6x - x)^3$
= $-sin(-6x) - x^3$
= $-[sin(-6x) + x^3] = -f(x)$

(2) Let
$$y(t) = (-\sin(6\pi t)) = (-\sin(6\pi t)) = (-\sin(6\pi t)) = 0$$

$$\sinh(6\pi t) = 0$$

$$\delta \pi t = 0, \pi, z\pi, \dots$$
 (tro as tis time)

So the next time point is when $6\pi t = \pi$ $t = \frac{u}{t}$