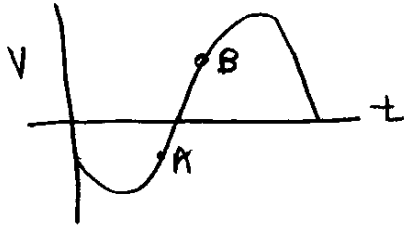
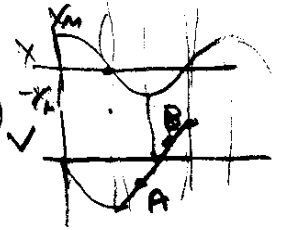


(2)



$$x = x_m \cos(\omega t + \phi)$$

$$v = -\omega x_m \sin(\omega t + \phi)$$



- [4] a) headed toward $-x_m$ (A)
- [4] b) " " $+x_m$ (B)
- [4] c) between 0 and $+x_m$ at A
- [4] d) between $-x_m$ and 0 at B
- [4] e) Speed decreasing at A
- [4] f) Speed increasing at B