HIV questions

1. You saw data today indicating the relationship between HIV viral load of the HIV-infected person and likelihood that that person will transmit HIV to an uninfected person. You also saw data indicating that HIV viral load is highest in the immediate period (first few months) after a person contracts HIV infection.

   Discuss: a) the implications of these data for control of HIV transmission; b) a public health policy to control the HIV epidemic, based on a); and c) how feasible you think it would be to implement the public health policy described in b).

2. Discuss the characteristics of HIV (the virus itself) that make a vaccine to protect against HIV infection so difficult.