1. Naïve T8-lymphocytes are activated by their TCR and CD8 molecules recognizing:

A. MHC-II molecules with bound peptide epitope on B-lymphocytes.
B. MHC-II molecules with bound peptide epitopes on dendritic cells.
C. MHC-I molecules with bound peptide epitopes on dendritic cells.
D. MHC-II molecules with bound peptide epitopes on macrophages.

2. The primary function of effector T8-lymphocytes is to:

A. Kill cancer cells and infected cells by inducing apoptosis.
B. Regulate adaptive immunity by way of the cytokines they produce.
C. Kill cancer cells and infected cells by binding to the Fc portion of IgG that have bound to these cells.
D. Produce antibodies that promote opsonization.

3. CTLs bind to and induce apoptosis of infected cells and cancer cells by:

A. Binding to the Fc portion of IgG that has reacted with epitopes on the surface of these cells.
B. Binding to peptide epitope on MHC-II molecules on these cells by way of their TCR and CD8 molecules.
C. Binding to peptide epitope on MHC-I molecules on these cells by way of their TCR and CD8 molecules.
D. Binding to peptide epitope on MHC-I molecules on these cells by way of their TCR and CD4 molecules.