1. (M-C) Rigid, opaque substances transfer kinetic energy as vibrational excitation of bonds. It is much more efficient for metals than for silicates. What type of heat transfer is this?
   A. Advection
   B. Conduction
   C. Convection
   D. Radiation

2. (M-C) Elements found in the core of the earth most likely belong to which of the following Goldschmidt classifications?
   A. Atomophile
   B. Chalcophile
   C. Lithophile
   D. Siderophile