CL48_Q1. How are magnetic materials classified?

CL48_Q2. Write the range of susceptibility values for each class of magnetic material.

CL48_Q3. What happens, if diamagnetic, paramagnetic and ferromagnetic sample is suspended by thread and a bar magnet is slowly brought near each of the sample?

CL48_Q4. Classify magnetic materials based on succeptibility dependence on temperature (◻ versus T) and magnetization dependence on field (M versus H) plots.

CL48_Q5. Elaborate on two tests which can differentiate a paramagnetic material from a diamagnetic material.