Comprehension check IR Shafikova, 2013

Complete the text based on the video fragment. The first letters have been given to help you.

BBC Story of Electricity - Superconductivity

There is a direct correlation between the t_____ (1) and the electrical resistance of a material. A mercury c_____ (2) was placed in a cryostat to demonstrate what happens when a substance is cooled to down to absolute zero. Superconducting power c_____ (3) and electronics could revolutionize our world, but the problem is that mercury and similar materials only work at extremely l_____(4) temperatures.

The most important scientific b_____(5) in many decades was made in 1986 by IBM scientists, when they discovered a new class of superconducting materials. Cooled with liquid nitrogen these materials get extraordinary m_____(6) properties. A magnet can _____(7), suspended above the superconductor. This sort of materials becomes superconducting at temperatures way above absolute zero, but the physicists are in search for r_____ (8) temperature superconductors. In the absence of a theoretical explanation the experimentalists often have to rely on simple l_____ (9). It was by sheer chance that Japanese researchers found out that red wine i_____(10) superconducting properties.