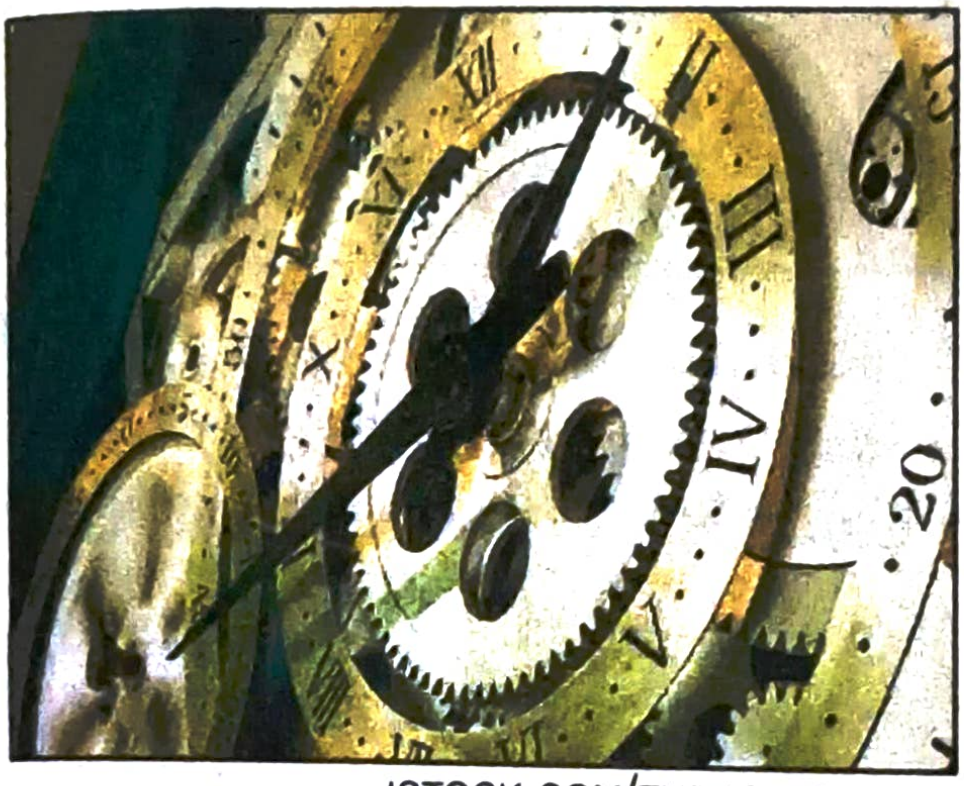
Nuclear clock



ISTOCK.COM/ZHENGZAISHURU

Scientists at Vienna University in Austria achieved a major breakthrough in timekeeping by creating the world's first self-stabilising nuclear clock, a technology that could eventually surpass even the most precise atomic clocks. Instead of relying on electrons in atoms, the clock uses the tiny nuclei of thorium atoms, which are far less sensitive to outside disturbances.