



39. 글의 흐름으로 보아, 주어진 문장이 들어가기에 가장 적절한 곳은?

However, recent study of the formation of galaxies has led the conclusion that the dark matter must be in a different form from ordinary matter.

Cosmologists now believe that while the central parts of spiral galaxies consist largely of ordinary stars, their outskirts are dominated by dark matter that we cannot see directly. (①) But one of the fundamental problems is to discover the nature of the dominant form of dark matter in these outer regions of galaxies. (②) Before the 1980s it was usually assumed that this dark matter was ordinary matter comprised of protons, neutrons, electrons in some not readily detectable form. (③) Perhaps it arises from the masses of very light elementary particles. (④) It may even consist of more exotic species of particles, such as WIMPs - "weakly interacting massive particles." (⑤) These particles are predicted by modern theories of elementary particles but have not yet been detected experimentally.