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(57) Abstract :
Place a larger fan with wider and longer blades in the centre of the road. The unending stream of people passing by leads the fan to rotate indefinitely. Since the fan may spin indefinitely, all that is required is to connect a motor to a generator to generate free electricity. This is the use of vertical intelligent wind turbines to harness energy from natural wind while also extracting energy from passing vehicles, a machine that converts the wind generated by cars into power, and because cars travel in two directions, the turbine can generate twice the kinetic energy, so these turbine generators have been installed on various highways. They can create around one kilowattage of energy each hour, enough to cover the daily electricity demands of two households, and are compact in size, so they do not take up public road space. Furthermore, to increase their capabilities, additional solar panels are installed above the turbines to capture even more energy. They prefer open spaces, terraces, beaches, deserts, and other such areas. They can harness natural energy for as long as there is wind. Indeed, it has the potential to improve our lives by providing us with increased convenience.

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