

Lesson 5: Towards Green Energy
(5 marks questions)

Q.1) Explain step-by-step the processes of energy conversion in the following power generation plants

- a) Thermoelectric power station
- b) An atomic power plant

Q.2) Accurately draw the plan of a natural gas power plant and name the various elements correctly

Q.3) Draw and label the plan of a windmill

Q.4) Draw a diagram explaining the energy conversion taking place in a solar thermal power plant

Q.5) Accurately draw and label the plan of an atomic energy power plant