

Question 22 (3 marks)

In large scale electricity generation, mechanical energy is converted to electrical energy.

(a) Explain this conversion process.

1

*a drive source turns the rotor inside a generator
and the armature windings are induced with a voltage
produced by cutting the magnetic lines of force made by the
field poles*

(b) Identify TWO renewable generation technologies that use this process.

2

Geothermal, hydro generation