

2 OBJECTIVES

(a) Evaluate the evolution in telecommunications industry caused by

- Changes in telecommunications economy – more operators are allowed to operate their networks in the same area with little intervention from government.
- Customer demand for new services– the demand for wider bandwidth, faster transmission rate, flexibility, and mobility of all kinds of communications systems, e.g. accessing Internet through mobile phones.
- Technology breakthrough – higher bandwidth and faster transmission rate are possible with the new breakthrough in the technology. Every year the boundaries of technology are redefined. Soon, telephone over Internet will be reaching every home. Convergence of different networks and services is getting more and more blur. The traditional voice communications equipment now has to diversify into data communications simply because the data communications equipment vendor now also manufacturing devices that carry voice communications.

(b) Analyse the impacts of the evolution on telecommunications equipment vendors and operators.