**Evolution Unit – Glossary**

Prokaryotic

Eukaryotic

Ribozymes

RNA world hypothesis

Fossils (evidence)

Endosymbiosis

Comparative Genomics

DNA-DNA Hybridization

Sequencing (DNA, proteins, RNA)

Phylogenetic Tree

Node

Terminal

Common ancestor

Mutation

Genetic clock

Species

Morphology

Biochemistry

Sexual reproduction

Asexual reproduction

Reproductive Isolation

Pre-zygotic

* Temporal
* Behavioural
* Mechanical
* Gamete isolation

Post-zygotic

Hybrid

Infertility

Sterility

Inviability

Gene Pool

Gene

Allele

Frequency

Genetic diversity

Natural selection

Selection pressures

Fitness

Genetic drift

Founder Affect

Gene flow

Bottleneck event

Speciation

Allopatric speciation

Sympatric speciation

Divergent Evolution

Adaptive Radiation

Convergent Evolution

Succession

* Primary
* Secondary

Niche

Reduced genetic diversity

Extinction risk

Biodiversity

* Genetic
* Species
* ecosystem

Habitat loss

Islandisation

Introduced species

Overharvesting

Pollution

Greenhouse gases and climate change

Conservation

Ethical obligation