



A Star GCSE Biology Equivalency Exam Summary

The table below summarises the key points relevant to your A Star GCSE Biology Equivalency Exam.

Format	Description
Exam type	Online or paper based
Exam location	Sat at home/work
Exam availability	All year round
Exam structure	1 paper
Exam timing	2 hours
Number of marks	100
Tiers	None
Level	9-1
Exam specification based on	Edexcel (IGCSE) Biology (9-1)
Exam content coverage	Questions may come from any topic across the specification (including the points in bold)
Question types	long written-answer questions, short-answer questions, multiple choice questions, matching questions and calculations
Additional equipment permitted	An appropriate scientific calculator

The topics and sub-topics assessed in this exam include:

Topic 1: The Nature and Variety of Living Organisms

- Life Processes
- Different Organisms

Topic 2: Structure and Functions in Living Organisms

- Levels of Organisation
- Cell Structures
- Biological Molecules
- Movement of Substances in and Out of Cells
- Plant Nutrition
- Human Nutrition
- Respiration
- Gas Exchange
- Transport Systems
- Homeostasis and Excretion
- Coordination and Response

Topic 3: Reproduction and Inheritance

- Reproduction
- Chromosomes, Genes and DNA
- Cell Division
- Variation
- Inheritance
- Darwin's Theory of Evolution by Natural Selection

Topic 4: Ecology and the Environment

- Organisms in the Environment
- Feeding Relationships and Cycles within Ecosystems
- Human Influences on the Environment

Topic 5: Use of Biological Resources

- Food Production
- Selective Breeding
- Genetic Modification (Genetic Engineering)
- Cloning