

Biology (Trilogy) Summative Assessment Overview

Written Summative Assessments and Required Practicals:

Topic Area/Test Name	Syllabus Reference, Book Section and Revision Guide Area	Topic Content – What they will be tested on!
B10 The Human Nervous System	Syllabus: AQA 4.5.2 Book: P132-141 Section B10.1-B10.3 Revision Guide: B5	Principals of Homeostasis The Structure and Function of the Nervous System Reflex Actions
B11 Hormone Coordination	Syllabus: AQA 4.5.3.1 – 4.5.3.6 Book: P142-159 Section B11.1-B11.8 Revision Guide: B5	Principals of Hormonal Control The Control of Blood Glucose Levels and Treating Diabetes The role of Negative Feedback Human Reproduction Hormones and the Menstrual Cycle The Artificial Control of Fertility and Infertility Treatments
B12 Reproduction	Syllabus: AQA 4.6.1.1 – 4.6.1.6 Book: P160-177 Section B12.1-B12.7 Revision Guide: B5	Types of Reproduction Cell Division in Sexual Reproduction DNA and the Genome Inheritance in Action More about Genetics Inherited Disorders and Screening for Genetic Disorders
B13 Variation and Evolution	Syllabus: AQA 4.6.2.1 – 4.6.2.4 Book: P178-189 Section B13.1-B13.5 Revision Guide: B6	Variation Evolution by Natural Selection Selective Breeding Genetic Engineering Ethics of Genetic Technologies
B15 Adaptations, Interdependence and Competition	Syllabus: AQA 4.7.1.1 – 4.7.1.4 Book: P204-223 Section B15.1-B15.8 Revision Guide: B7	The importance of Communities Organisms in their Environment Distribution and Abundance Competition in Animals Competition in Plants Adaptations and Survival Adaptations in Animals and Plants
B16 Organising an Ecosystem	Syllabus: AQA 4.7.2.1 – 4.7.2.2 Book: P224-231 Section B16.1-B16.3 Revision Guide: B7	Feeding relationships Materials Recycling The Carbon Cycle
B17 Biodiversity and Ecosystems	Syllabus: AQA 4.7.3.1 – 4.7.3.6 Book: P232-245 Section B17.1-B17.6 Revision Guide: B7	The Human Population Explosion Land and Water Pollution Air Pollution Deforestation and Peat Destruction Global Warming Maintaining Biodiversity