

Biology

Paper 1: (*Paper code: 1BIO/1F, 1BIO/1H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in biology.
Topic 2 - Cells and control
Topic 3 - Genetics
Topic 4 - Natural selection and genetic modification,
Topic 5 - Health, disease and the development of medicines

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 8: Calculators**.

Paper 2: (*Paper code: 1BIO/2F, 1BIO/2H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in biology.
Topic 6 - Plant structures and their functions
Topic 7 - Animal Coordination, control and homeostasis
Topic 8 - Exchange and transport in animals
Topic 9 - Ecosystems and material cycles

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 8: Calculators**.

Chemistry

Paper 1: (*Paper code: 1CHO/1F, 1CHO/1H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in chemistry.
Topic 2 - States of matter and mixtures
Topic 3 - Chemical changes
Topic 4 - Extracting metals and equilibria
Topic 5 - Separate chemistry 1

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 9: Calculators**.

Paper 2: (*Paper code: 1CHO/2F, 1CHO/2H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in Chemistry.
Topic 6 - Groups in the periodic table
Topic 7 - Rates of reaction and energy changes
Topic 8 - Fuels and Earth science
Topic 9 - Separate chemistry 2

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 8: Calculators**.

Biology

Paper 1: (*Paper code: IPH0/1F, IPH0/1H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in physics
Topic 2 - Motion and force
Topic 3 - Conservation of energy
Topic 4 - Waves
Topic 5 - Light and the electromagnetic spectrum
Topic 6 - Radioactivity
Topic 7 - Astronomy

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 10: Calculators**.

Paper 2: (*Paper code: IPH0/2F, IPH0/2H)

Written Examination: 1 hour and 45 minutes
50% of the qualification
100 Marks

Content Overview

Topic 1 - Key concepts in physics
Topic 8 - Energy - Forces doing work
Topic 9 - Forces and their effect
Topic 10 - Electricity and circuits
Topic 11 - Static electricity
Topic 12 - Magnetism and the motor effect
Topic 13 - Electromagnetic induction
Topic 14 - Particle model
Topic 15 - Force and matter

Assessment overview

A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Calculators may be used in the examination. Information on the use of calculators during the examinations for this qualification can be found in **Appendix 10: Calculators**.