



2021

考试范围与格式 EXAMINATION SCOPE AND FORMAT

A. 考试事项 EXAMINATION PARTICULARS

考试 EXAMINATION	Second Monthly Test
科目 SUBJECT	Biology
班级 CLASS	Junior 3 IGCSE Science Classes

B. 范围 SCOPE

Chapter 1: Characteristics and classification of living organisms

- 1.1 Biology is the study of life and living organisms
- 1.2 The variety of life
- 1.3 Plants
- 1.4 Invertebrate animals
- 1.5 Vertebrate animals
- 1.6 Organisms are made up of cells
- 1.7 The organisation of living organisms

Chapter 2: Organisms and maintenance of organisms

- 2.1 Movement in and out of cells: diffusion
- 2.2 Movement in and out of cells: osmosis and active transport
- 2.3 All living things are made up of organic molecules
- 2.4 Testing for biochemicals
- 2.5 Enzyme control biochemical reactions in living organisms
- 2.6 Enzyme experiments and the scientific method
- 2.7 Photosynthesis and plant nutrition
- 2.8 The rate of photosynthesis
- 2.9 Leaf structure and photosynthesis
- 2.10 The control of photosynthesis
- 2.11 Photosynthesis and the environment
- 2.12 Plants and minerals
- 2.13 Food and the ideal diet: carbohydrates, lipids, and proteins



- 2.14 Food and the ideal diet: vitamins, minerals, water, and fibre
- 2.15 Food is the fuel that drives the processes of life
- 2.16 Balancing energy intake and energy demand: problems causing malnutrition

C. 格式 FORMAT

Paper 1: 30 Multiple Choices (30%)

Paper 2: Structured and free response questions (70%)

出题老师 PREPARED BY

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日期
DATE

3.7.2021