

The Mama Parsi Girls' Secondary School
Cambridge Section
Second Term Syllabus 2022 (Class XI-Science)

English Language

January/February:

- Descriptive Writing
- Argumentative Writing
- Account Writing
- Speech Writing
- Vocabulary exercises

March:

- Revision
- Mock Examination

April: Study leave

May: CAIE

English Literature

BOOKS PRESCRIBED: Othello, The Stories of Ourselves, The Songs of Ourselves,

NOTE: Students **must** have read the novel and the play at least once before the start of the term.

JAN '22 Jane Eyre- practice questions
Short Story: revision with practice questions
Poem: Revision

FEB '22 Jane Eyre practice questions
Short Story: revision with practice questions
Poem: revision with practice questions

MAR '22 Jane Eyre practice questions
Short Story: revision with practice questions
Poem: revision with practice questions

APR '22 Revision

MAR' 22 FINAL EXAMS

Mathematics

Book: New Syllabus Mathematic Book 2 & 4 (Seventh edition)

January: Kinematics (teacher given handout)

Chapter 3 Probability of Combined Events (Book 4)

February: Relative Frequency and Expectation (teacher given
handout) Scatter Diagram and Correlation (teacher given
handout)

Nets (teacher given handout)

Revision

March: Mock Examination

Additional Mathematics

JANUARY	CH 15 INTEGRATION
FEBRUARY	CH 15 INTEGRATION CH 22 KINEMATICS
MARCH	MOCK EXAMINATION
APRIL	STUDY LEAVE
MAY	CAIE

Biology

Books prescribed (A Course book for O' Level by Lam Peng)

Biology: D.G.Mackean

JANUARY 2022

TOPIC

1. Heredity
2. Sexual Reproduction in Animals

FEBRUARY 2022

- Sexual reproduction In Animals (continued)
3. Support, Movement and locomotion

MARCH 2022

(Preliminary Examination)

APRIL 2022

(Study leave)

MAY 2022

C.A.I.E Examination

Physics

January:

Introductory Electronics

- Thermionic emission and cathode-rays
- Uses of an oscilloscope
- Action and use of circuit components

Electronic Systems (OPTIONAL)

February:

The Nuclear Atom

- Atomic model
- Nucleus

Radioactivity

- Detection of radioactivity
- Characteristics of the three types of emission
- Nuclear reactions
- Half-life
- Uses of radioactive isotopes including safety precautions

March: Revision and **Mock Examination**

Chemistry

January 2022

11.8 Polymers

February 2022

10.2 Fertilisers

Revision

March 2022

Mock and Annual Examination

April 2022

Study Leave

May 2022

CAIE Examination 2022

Name of the book

Author's Name

Text Book

Chemistry Matters

Tin Yan Toon

Reference Books

- | | |
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| 1. Chemistry 'A course of O level' | Christopher. N. Prescott |
| 2. Fundamental Chemistry for Cambridge | Gallagher Ingram |
| 3. Chemistry for Cambridge o level | Derek Mc Monagle |

Computer Science

Book Prescribed: Cambridge IGCSE Computer Science Coursebook

Sarah Lawrey and Donald Scott & Past Papers

PAPER -I

December : Revisions from past papers

January: **TERMINAL EXAMINATION + REVISION**

March : **Mock Examinations**

April: **Revisions**

May: **CAIE Examinations**

PAPER -II

December till March:

Programming on Pre-released material

Note: Pre-release material will be received six months before the CAIE examinations

Urdu

BOOK PRESCRIBED: GUL HA E URDU

URDU O LEVEL SYLLABUS A

MURATTIB O MUALLIF

MUJEEB UR REHMAN

January : prose: Uswah e Hasnah (PBUH)

Lang : Bayan , Tafheem

February: Prose: Revision

Lang : Behas , Tafseel

March : MOCK