

INTERMEDIATE 1 BIOLOGY

Welcome to Intermediate 1 Biology. We hope that you will enjoy your time in the department and that you will get a lot out of the course. Here is some general information that you may find helpful.

Course Structure and Methods of Teaching

Intermediate 1 Biology consists of three units - Biotechnological Industries, Growing Plants and Health and Technology. These will be studied in the order mentioned with each unit taking around 40 hours to complete. The course is taught using a range of methods including teacher-led discussion, PowerPoint, practical work, note taking, essay writing and text-book questions.

To get an award in Intermediate 1 Biology you will require to pass three internally assessed end of unit tests (N.A.B.s), submit a written report on an experiment and pass the final exam. The final exam consists of two sections totalling 75 marks: Section A - Multiple Choice (25 marks) and Section B - Short Answer Questions based on Knowledge, Problem Solving and Practical Activities (50 marks).

Resources and Equipment

The following equipment will be supplied by your teacher: jotters, past papers, revision notes, and textbook. You should supply: a ring binder in which to keep handouts, pens and pencils. It would also be useful if you had a ruler and calculator. Other items will be given to you as required. Textbooks are very expensive (£15 each). Please keep your textbook in good condition and return it at the end of S4. If you fail to return your textbook you will be charged to replace it.

The following resources, which you may find useful, are available to purchase through the Biology department: Leckie and Leckie Revision Notes.

Homework Policy

Each week you will receive homework. This will normally consist of a sheet of questions based on knowledge and understanding or problem solving. Occasionally you may be given textbook or past paper questions for homework.

A Final Word of Caution

Please be under no illusions that in order to pass Intermediate 1 Biology you will have to be dedicated and put in a lot of effort. Your teacher will help you as much as possible, but if you have any difficulties please let them know - we can only help if we know the difficulties exist in the first place. Supported study classes and Easter School will also be available to support you.

Timeline 09/10 - S4 Intermediate 1 Biology

| Week beginning | Topic | Assessment Info. |
|---------------------------------|---|------------------------|
| 25 th May 2009 | Health and Technology - REVISION | |
| 1 st June 2009 | Health and Technology - REVISION | |
| 8 th June 2009 | Health and Technology - REVISION | S3 EXAMS |
| 15 th June 2009 | LO3 Investigation | Investigation write-up |
| 22 nd June 2009 | <i>S3 Residential</i> | |
| 29 th June 2009 | LO3 Investigation | Investigation write-up |
| 19 th August 2009 | Biotechnological Industries - Dairy Industries | |
| 24 th August 2009 | Biotechnological Industries - Dairy Industries | |
| 31 st August 2009 | Biotechnological Industries - Dairy Industries | |
| 7 th September 2009 | Biotechnological Industries - Dairy Industries | Check-test 2a |
| 14 th September 2009 | Biotechnological Industries - Yeast Industries | |
| 21 st September 2009 | Biotechnological Industries - Yeast Industries | |
| 28 th September 2009 | Biotechnological Industries - Yeast Industries | |
| 5 th October 2009 | Biotechnological Industries - Yeast Industries | Check-test 2b |
| 26 th October 2009 | Biotechnological Industries - Detergent Industries | |
| 2 nd November 2009 | Biotechnological Industries - Detergent Industries | |
| 9 th November 2009 | Biotechnological Industries - Detergent Industries | Check-test 2c |
| 16 th November 2009 | Biotechnological Industries - Pharmaceutical Industries | |
| 23 rd November 2009 | Biotechnological Industries - Pharmaceutical Industries | |
| 3 rd December 2009 | Biotechnological Industries - Pharmaceutical Industries | Check-test 2d |
| 7 th December 2009 | NAB Revision | |
| 14 th December 2009 | NAB Revision | Unit 2 NAB |
| 5 th January 2010 | Growing Plants - Growing Plants from Seed | |
| 11 th January 2010 | Growing Plants - Growing Plants from Seed | |
| 18 th January 2010 | Growing Plants - Growing Plants from Seed | |
| 25 th January 2010 | Growing Plants - Growing Plants from Seed | Check-test 3a |
| 1 st February 2010 | Growing Plants - Vegetative Propagation | |
| 8 th February 2010 | Growing Plants - Vegetative Propagation | |
| 18 th February 2010 | Growing Plants - Vegetative Propagation | Check-test 3b |
| 25 th February 2010 | Growing Plants - Plant Production | |
| 1 st March 2010 | Growing Plants - Plant Production | |
| 8 th March 2010 | Growing Plants - Plant Production | Check-test 3c |
| 15 th March 2010 | PRELIM REVISION | |
| 22 nd March 2010 | PRELIM REVISION | PRELIM |
| April 2010 | EXAM REVISION | |
| May 2010 | EXAM REVISION | FINAL EXAM |