# THE PLANET DIET MINI MOCK

## GENERAL INSTRUCTIONS

1. Find a quiet place to replicate exam conditions.

2. For every real IGCSE exam you should be prepared with:

- Black pen x 3 (in case any run out)
- Pencil x 2 (to save time sharpening)
- Eraser/rubber
- Pencil sharpener
- Scientific calculator (without internet connection or a QWERTY keyboard)
- Ruler (must be able to read mm)
- If you take a pencil case it must be transparent (see through)

Try to get used to having these prepared for every mini mock. If you have special arrangements in exams adapt to these.

3. As we come to revise, it is recommended you answer questions as you would in the exam. To do this, ask a guardian to print off the exam (so you do not see it). Complete in the set time and write answers on the paper. If you are entitled to special arrangements such as a computer, scribe, reader or extra time, try to replicate these conditions where possible.

4. For exams (except students with extra time) try to work to 'a mark a minute'. Marks for exam questions are given in square brackets i.e. [2] means the question is worth 2 marks and to stay in good time should be completed in 2 minutes. You'll probably find this hard, so use these mini mocks as opportunities to improve your speed.

5. The mini mocks are REAL exam questions from REAL past tests. You will have an opportunity to practice full mock exams at the end of your course. The exam board have the right to change the format of their exams at any time. However, it is still worth familiarising yourself with some of their font etc early.

6. The length of practice exams (mini mocks) will vary.

## INSTRUCTIONS FOR THIS EXAM

**Do not turn over until you are ready to start.**

**DURING LESSONS THE QUESTIONS CAN BE COMPLETED OPEN BOOK IN ANY TIME FRAME.**

*Use this opportunity to analyse how marks are awarded. Often very specific answers are required.*

**DURING REVISION TRY TO COMPLETE THIS MINI MOCK IN 6 MINUTES CLOSED BOOK**

Closed book means 'no help from books, videos, the internet or other people etc'.

1.

A student wants to calculate the pressure he exerts on the floor when he stands on one foot.

He records these measurements.

| | |
|---|---|
| My weight | 650 ..... |
| Area of the floor in contact with my foot | 270 $cm^2$ |

(a) (i) Complete the table by adding the unit for weight.

(1)

(ii) Which piece of equipment should the student use to measure his weight?

(1)

.....

2.

A skydiver jumps from an aircraft.

(a) The mass of the skydiver is 70 kg.

(i) State the equation linking weight, mass and *g*.

(1)

(ii) Calculate the weight of the skydiver and state the unit.

(2)

weight = ..... unit .....

3·

Which of these is a vector quantity?

(1)

☒ **A** density

☒ **B** force

☒ **C** mass

☒ **D** speed

**END**