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General Certificate of Education
Advanced Level Examination
June 2012

Biology

BIOL4

Unit 4 Populations and environment

Friday 15 June 2012 9.00 am to 10.30 am

For this paper you must have:

- a ruler with millimetre measurements.
- a calculator.

Time allowed

- 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- You may ask for extra paper. Extra paper must be secured to this booklet.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 75.
- You are expected to use a calculator where appropriate.
- The marks for questions are shown in brackets.
- Quality of written communication will be assessed in all answers.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use scientific terminology accurately.

Examiner's Information	
Question	Mark
1	
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web to recognize their commitment to our safety allied universal announces the 7th annual national security officer appreciation week september 12 18 2021 in celebration of this week we invite all to submit messages of thanks to the security officers in your area

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web with no national proclamation in place at this time thousands of security professionals around the country have adopted the 3rd week of september starting with sunday and ending the following saturday as national security week security memorial day is observed on the wednesday during national security week

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web we established national security officer appreciation week to recognize the contributions of all contract and in house security officers across all industries this is an opportunity to recognize the many roles of security officers debunk misconceptions and stereotypes and raise awareness of security career opportunities

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web september 29 2022 the week of september 19 23 bos security celebrated national security officer appreciation week security officers are tasked with handling public safety threats and emergencies whether their assignment is residential commercial or

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web national security officer appreciation week a diverse population of security officers creates safer environments stronger communities the second annual national security officer appreciation week is september 18 24

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web join us in thanking the security officers who work on the front line every day get to know our everyday heroes and take a moment to salute their dedication in recognition of national security officer appreciation week we want to thank the security professionals who keep our communities safe every day

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officers do sometimes the hours are long and the conditions are less than ideal but rain snow or shine they ll be there to protect your assets

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web nov 9 2022 the third week in september is national security officer appreciation week it recognizes the in house and contract security personnel you see patrolling stores schools concerts banks and other business it s a career that involves being flexible and getting along with a diverse group of people

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web the plate load test is performed in the field to find out the bearing capacity of the soil or how it can be settled at each increment under the given load this test is really useful for designing the foundation especially the shallow foundation easy to determine the bearing capacity of the soil so we can design a suitable foundation

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