

Marker Code



Student Personal Identification Number (SPIN)				

Pacific Senior Secondary Certificate
BIOLOGY
2011

QUESTION AND ANSWER BOOKLET

Time allowed: Three hours

INSTRUCTIONS

1. There are three sections to the paper. **ALL SECTIONS ARE COMPULSORY.** Answer **ALL** questions.

Recommended time allowances for each section:

Section A:	Multiple Choice Questions	45 minutes	40 marks
Section B:	Short Answer Questions	105 minutes	140 marks
Section C:	Extended Response Questions	<u>30 minutes</u>	<u>20 marks</u>
		3 hours	200 marks

2. Write your answers to Section A on the Answer Sheet on the **FOLD-OUT FLAP** on the last page. Write your answers to Sections B and C in the spaces provided in this booklet.
3. Write your **Student Personal Identification Number (SPIN)** in the top right-hand corner of this page and on the **fold-out flap**.
4. If you use extra sheets of paper, be sure to write clearly the number of the question being answered. Write your SPIN on the top right hand corner of each sheet, and tie it securely at the appropriate place in this booklet.

NOTE: You may not have seen or studied any of the organisms used as examples in this paper. You are expected to apply the principles and knowledge learned during your Biology course to the questions.

Check that this booklet contains pages 2-33 in the correct order and that none of these pages is blank. Page 34 has been left blank deliberately.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL MARKS

200
