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# South Pacific Form Seven Certificate PHYSICS 2006

#### QUESTION and ANSWER BOOKLET

Time allowed: Three hours

#### INSTRUCTIONS

Write your Student Personal Identification Number (SPIN) on the top right hand corner of this page and on the fold-out flap on the last page.

Answer ALL QUESTIONS. Write your answers in the spaces provided in this booklet. If you need more spaces for answers, ask the Supervisor for extra paper. Write your SPIN on all extra sheets used and clearly number the questions. Attach the extra sheets at the appropriate places in this booklet.

The questions are organised under the headings below, with allocations of marks and suggested times indicated. The total marks assigned to the questions is 152. In addition to this, four marks will be awarded for the correct use of significant figures and a further four marks will be awarded for the correct use of units of measurement.

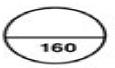
		Marks	Time
Questions One and Two	Waves	29 marks	34 minutes
Questions Three to Five	Mechanics	52 marks	62 minutes
Questions Six to Eight	Electricity and Electromagnetism	47 marks	56 minutes
Questions Nine and Ten	Atomic and Nuclear Physics	24 marks	28 minutes
	#3	152 marks + 8 marks	
		The second secon	

Some useful formulae are given on Sheet 109/2 provided.

Check that this booklet contains pages 2-24 in the correct order and that none of these pages is blank. Pages 25 – 26 are blank.

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

TOTAL MARKS



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