



ATAR course examination, 2024 **Question/Answer booklet**

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ST	UDI	ES		

STUDIES	Please place your student i	dentification label in this box	
WA student number: In figure			
Time allowed for this paper Reading time before commencing work: Working time:	Place a tick (✓) in one of the following boxes to indicate your specialist field. Mechanical		
Materials required/recommento be provided by the supervisor This Question/Answer booklet Multiple-choice answer sheet Data Book	ded for this paper	Number of additional answer booklets used (if applicable):	

To be provided by the candidate

Standard items: pens (blue/black preferred), pencils (including coloured), sharpener,

correction fluid/tape, eraser, ruler, highlighters

Special items: up to three calculators, which do not have the capacity to create or store

programmes or text, are permitted in this ATAR course examination

Important note to candidates

No other items may be taken into the examination room. It is **your** responsibility to ensure that you do not have any unauthorised material. If you have any unauthorised material with you, hand it to the supervisor **before** reading any further.

Structure of this paper

Section	Number of questions available	Number of questions to be answered	Suggested working time (minutes)	Marks available	Percentage of examination
Section One Core content	10	10	70	10	10
Part A: Multiple-choice		-			_
Part B: Extended answer	3	3		65	30
Section Two Mechanical					
Part A: Multiple-choice	10	10	110	10	10
Part B: Extended answer	6	6		100	50
Section Two Mechatronics			440		
Part A: Multiple-choice	10	10	110	10	10
Part B: Extended answer	6	6		100	50
				Total	100

Instructions to candidates

- 1. The rules for the conduct of the Western Australian external examinations are detailed in the *Year 12 Information Handbook 2024: Part II Examinations*. Sitting this examination implies that you agree to abide by these rules.
- 2. Section One: You must answer all questions.

Section Two: You must choose to answer only one of the specialist fields. In the specialist field you have chosen, answer all questions.

In both Section One and Section Two, answer the questions according to the following instructions.

Part A: Multiple-choice

Answer all questions on the separate Multiple-choice answer sheet provided. For each question, shade the box to indicate your answer. Use only a blue or black pen to shade the boxes. Do not use erasable or gel pens. If you make a mistake, place a cross through that square, then shade your new answer. Do not erase or use correction fluid/tape. Marks will not be deducted for incorrect answers. No marks will be given if more than one answer is completed for any question.

Part B: Extended answer

Answer all questions. Write your answers in the spaces provided in this Question/Answer booklet preferably using a blue/black pen. Do not use erasable or gel pens.

When calculating answers, show all your working clearly. Your working should be in sufficient detail to allow your answers to be checked readily and for marks to be awarded for reasoning. In final answers, include appropriate units where applicable.

- 3. You must be careful to confine your answers to the specific questions asked and to follow any instructions that are specific to a particular question.
- 4. Supplementary pages for planning/continuing your answers to questions are provided at the end of this Question/Answer booklet. If you use these pages to continue an answer, indicate at the original answer where the answer is continued, i.e. give the page number.
- 5. The Data Book is not to be handed in with your Question/Answer booklet.