

# Intern Written Exam Guide



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### Intern Written Exam Guide

### 1. Document purpose

This document has been developed to help you understand the exam content and how you will be assessed in the Intern Written exam.

For further information about exam eligibility, registration, payment, and exam day procedures, please refer to our website.

You can also scan or click on the QR code to find more information on <u>exam day preparation</u> with our delivery provider Pearson VUE.



### 2. Exam purpose

The Intern Written exam is one part of the registration process to transition from provisional to general registration as a pharmacist in Australia. The Intern Written exam evaluates your skills and knowledge to practice safely and effectively as an independent pharmacist in the Australian healthcare setting.

#### Exam structure

The Intern Written exam is an open-book, computer-based exam delivered at approved test centres. Only printed or hand-written reference materials are permitted. Please refer to our website for information on what you can bring.

It contains 75 multiple-choice questions, each with a single correct answer and 3 incorrect options.

You have 120 minutes (2 hours) to complete the exam.

Before the exam, you will be given 5 minutes to read and agree to a non-disclosure agreement and 10 minutes to complete a tutorial designed to familiarise yourself with the exam software.

After the exam, you will have 5 minutes to complete an exam feedback survey.

These pre- and post-exam activities do not count towards the exam time. The 120-minute timer will begin with the first question of the exam.

Each exam session has multiple live versions of the exam, which are randomly allocated. The order of questions is also presented randomly.



#### 4. Exam content

The Intern Written exam assesses competencies relating to domains 1 and 3 of the <u>National Competency Standards Framework for Pharmacists in Australia 2016</u>. Table 1 shows the six competency standards assessed and the approximate percentage of questions allocated in the Intern Written exam.

Table 1 Intern Written exam content areas

Com	petency Standard	Percentage of questions allocated
1.3	Practise within applicable legal framework	8%
3.1	Develop a patient centred, culturally responsive approach to medication management	20%
3.2	Implement the medication management strategy or plan	28%
3.3	Monitor and evaluate medication management	28%
3.4	Compound medicines	8%
3.6	Promote health and well-being	8%

Details on each of the six competency standards and relevant enabling competencies assessed in the Intern Written exam are described in Appendix 1.

Each Intern Written exam includes questions from a broad range of topics relevant to contemporary pharmacy practice. These may include, but are not limited to, therapeutic areas, drug classes, disease states, pharmacy practice, pharmaceutical calculations, and related subject matter. Questions may focus on a single topic or integrate multiple areas.

- Calculations
- Cardiovascular
- Dermatology
- Ear, nose and throat
- Endocrinology
- Gastrointestinal
- Haematology
- Health promotion
- Immunology

- Malignant disease
- Nervous system
- Ophthalmology
- Primary healthcare
- Respiratory
- Rheumatology
- Statutory requirements
- Urological
- Vaccination

APC is committed to ensuring that exam content is accurate, up-to-date and aligned with current clinical practice by engaging with subject matter experts. The majority of questions developed for the Intern Written exam focus on evidence-based guideline recommendations and frequently prescribed or high risk agent(s) used in the treatment of various conditions. However, it is important to note that questions may include less frequently used medications, as these can enhance our ability to assess a candidate's competency more thoroughly.



#### 4.1. Question construction

Questions in the Intern Written exam meet the following standards for consistency:

- Drug and ingredient names are presented as per the <u>TGA list of approved names</u>.
- Units for quantities of drugs and directions for medications follow the approved abbreviations from the Australian Commission on Safety and Quality in Health Care's Recommendations for safe use of medicines terminology.
- Values are presented in SI (metric) units.
- Determiners are bold and capitalised to draw attention to the kind of response expected. e.g. CORRECT, MOST, LEAST, NOT.

#### 4.2. Exam scoring

The Intern Written exam uses a scaled scoring system to ensure fairness and consistency across multiple versions of exam forms. The passing score is determined through evidence-based psychometric standard-setting processes involving subject matter experts. This passing score reflects the minimum standard that must be met to successfully pass the Intern Written exam and meet one of the eligibility criteria to apply for general registration as a pharmacist in Australia.

Success is determined by the level of ability or performance compared to this standard, not by comparing performance to other candidates or by an arbitrary score. Passing the Intern Written exam depends on your overall performance across the entire exam. You must meet the passing standard set for your randomly allocated exam form to pass the Intern Written exam.

We collaborate with psychometricians to undertake robust analyses of scoring and exam standards to maintain the reliability and validity of Intern Written exam results. Of the 75 questions in the Intern Written exam 90% are 'scored' questions, which count towards your result. The remaining 10% of questions are 'unscored' questions. This means they are included in the exam for calibration and testing, but do not count towards your result.

Unscored questions may relate to any content area of the exam, but they will not count towards the target percentage of questions for any of the content areas. Unscored questions are evenly distributed across all six content areas. You will not be made aware which of your questions are scored, and which are unscored.

<u>This video</u> explains how APC uses psychometric, evidence-based techniques to develop our exams and generate fair results for all APC exam candidates.

#### 4.3. Exam results

To protect the security and integrity of our assessments, we do not share the questions and answers from your exam attempt(s). Additionally, we do not disclose raw scores or percentages of your exam results, as they do not accurately reflect the difficulty of the questions or whether the exam standard was met.

We will provide you with a result report that indicates whether you met the overall standard or were unsuccessful.

Intern Written exam results are available within approximately 3 weeks of the exam. The result release date for each session is available on our website. You will receive an email notification once your exam result is available and information on how to access it.



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Exam results are not subject to review. If you feel your exam performance was negatively affected by an incident or administrative procedure, you can find more information on the options available to you in our <u>Appeals policy</u>.

If you do not pass the exam you may apply to sit another exam session. You will be required to register and pay the exam fee for each exam attempt, and to re-sit the full exam.

#### 4.4. Resources

A sample Intern Written exam paper is available on our website to help you prepare.

The content of our exams is based on the latest information, which you can find in relevant:

- Peer-reviewed journals
- Clinical practice guidelines
- Textbooks.

Ensure you are utilising up-to-date and evidence-based resources to guide your preparation.

Please note that APC does not endorse any Intern Written exam preparation programs or offerings.

We encourage you to seek support from your Intern Training Program provider to enhance your professional development and prepare for your exam.

### 5. If you need to contact our team

We wish you all the best with your exam preparations.

You will receive emails from us as you progress in your journey. We do ask that you check and read our emails carefully.

Please contact us if you have any further questions; we're here to help.

Email us at info@pharmacycouncil.org.au

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## Appendix 1



Table 2 Intern Written exam content areas (descriptive)

Domain	Standard	Enabling Competency		Examples of topics used for the Intern Written Exam (this list is non-exhaustive)
ethics	1.3 Practise within applicable legal framework	1.3.1	Comply with statute law, guidelines, codes and standards	The Pharmaceutical Benefits Scheme (PBS) and its various controls on PBS Authority prescriptions, PBS prescriptions in general and Special Access Scheme (SAS) considerations
and		1.3.2	Respond to common law requirements	Drug schedules most commonly dealing with Schedule 2, 3, 4 and 8 medicines
Professionalism				Understanding of the Health practitioner national law  Awareness of patient confidentiality and privacy provisions
fessi				(relevant regulation such as the Privacy Act)  Pharmacy Board of Australia codes and guidelines that
1. Pro		1.3.3	Respect and protect the individual's rights to privacy and confidentiality	represent the legislative instruments dealing the expectations around professional conduct and practice (professional codes, guidelines, standards)
Medicines management and patient care	3.1 Develop a patient centred, culturally responsive approach to medication management	3.1.2	Assess medication management practices and needs	Assess clinical situations and medication treatment options  Identify patient, drug and dosage form factors that may impact on patient adherence of efficacy and safety of treatment
nes manage patient care				Reinforce the value of evidence-based non-pharmacological and over-the-counter treatments with the provision of supportive advice and information where appropriate
dicine	3.2 Implement the medication management strategy or plan	3.2.2	Provide primary care and promote judicious use of medicines	Promote the judicious use of medicines that supports their prescribing only where they are clinically indicated
3. Ме				Prescribe appropriate medicines and treatment regimens based on consideration of their pharmacological actions and therapeutic uses, safety and cost-effectiveness

Domain	Standard	Enabling Competency		Examples of topics used for the Intern Written Exam (this list is non-exhaustive)
		3.2.3	Dispense medicines (including compounded medicines) in consultation with the patient and/or prescriber	Assess clinical appropriateness of prescribed medications in the context of patient specific health information  Assess and recommend any changes in the medicine treatment regimen that are considered desirable and documents approved changes  Standards for drug preparations, packaging and labelling
		3.2.5	Provide counselling and information for safe and effective medication management	Provide patient-centred and culturally responsive counselling to the patient to support safe and effective medication management practices  Confirm patient understanding of medication management requirements  Address lifestyle factors likely to improve health outcomes or promote improved therapeutic outcomes  Deliver primary care to manage injuries (sporting, accidental, trauma) or acute and sudden illness (chest pains, shortness of breath, loss of consciousness)
	3.3 Monitor and evaluate medication management	3.3.2	Apply clinical review findings to improve health outcomes	Provides recommendations concerning necessary modifications to existing treatment to improve medication management and therapeutic outcomes  Reporting of adverse medicine events, including adverse drug reactions, sensitivities and allergies according to professional standards and conventions  Interpret any monitoring undertaken to guide changes in the medication treatment regimen.  Consider the necessity for any monitoring not yet implemented

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Domain	Standard	Enabling Competency		Examples of topics used for the Intern Written Exam (this list is non-exhaustive)
	3.4 Compound medicines	3.4.1	Determine the required formulation	Apply suitable standard formulations, compounding expertise, clinical expertise and judgement to advise and produce a safe, appropriate and suitable patient-specific formulation  Calculate required dosages, drug half-lives and drug concentrations
	3.6 Promote health and well-being	3.6.2	Support health promotion activities and health services intended to maintain and improve health	Identifies and supports national and local health priorities and initiatives, including health screening programs, targeted at reducing health inequities consistent with the role of the pharmacist  Deliver culturally responsive health promotion activities  Promotion and support of improved self-sufficiency and well-being in patients and the community as a whole



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