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2023 Pre-registration Examination Online Workshop

What is the format of the examination?

PRE-REGISTRATION EXAMINATION

120 MCQs

Split over two days

Need to write both sections of the
examination



DAY 1

40 Calculation MCQs

2 hours

Subminimum of 60%



DAY 2

80 General MCQs

2 hours 30 min

Subminimum of
50%

Remember the Practice Pre-registration Examination is **COMPULSORY** for those writing the Pre-registration Examination



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Community



Institutional



Manufacturing

QUESTION RELATED TO COMMUNITY,
INSTITUTIONAL AND MANUFACTURING SECTOR

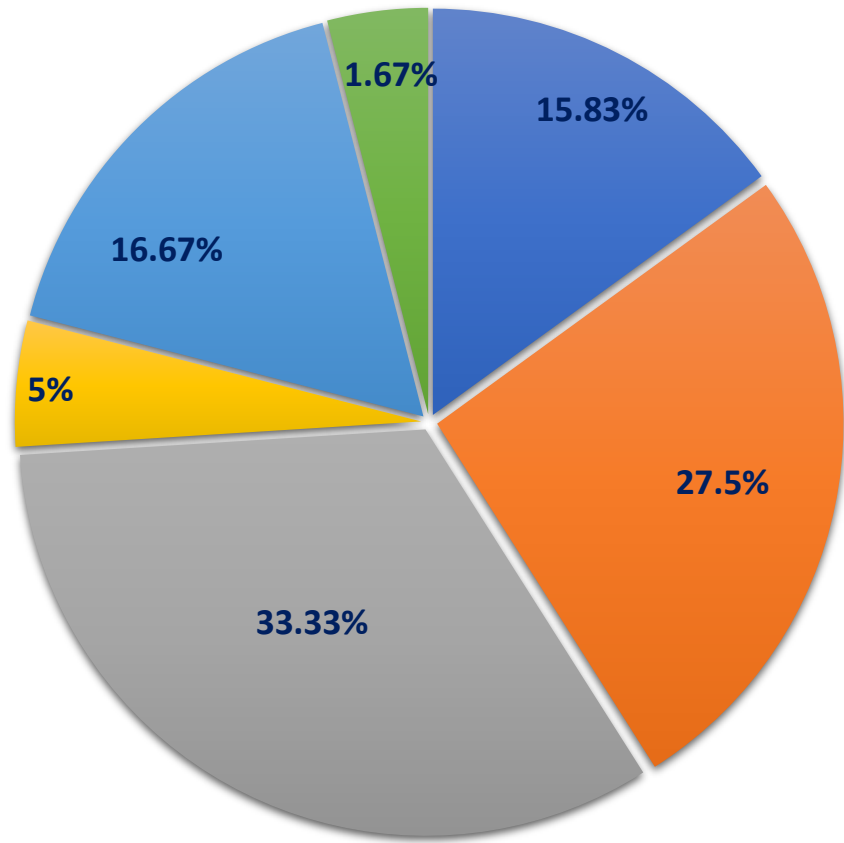
ALL INTERNS COMPLETE **ALL** QUESTIONS

EXAMINATION IS NOT SECTOR SPECIFIC

REFER TO DOMAINS AND COMPETENCY
STANDARDS AND CONSIDER WHICH
SECTOR IT APPLIES TO



What is the examination based on?



■ Domain 1 ■ Domain 2 ■ Domain 3 ■ Domain 4 ■ Domain 5 ■ Domain 6

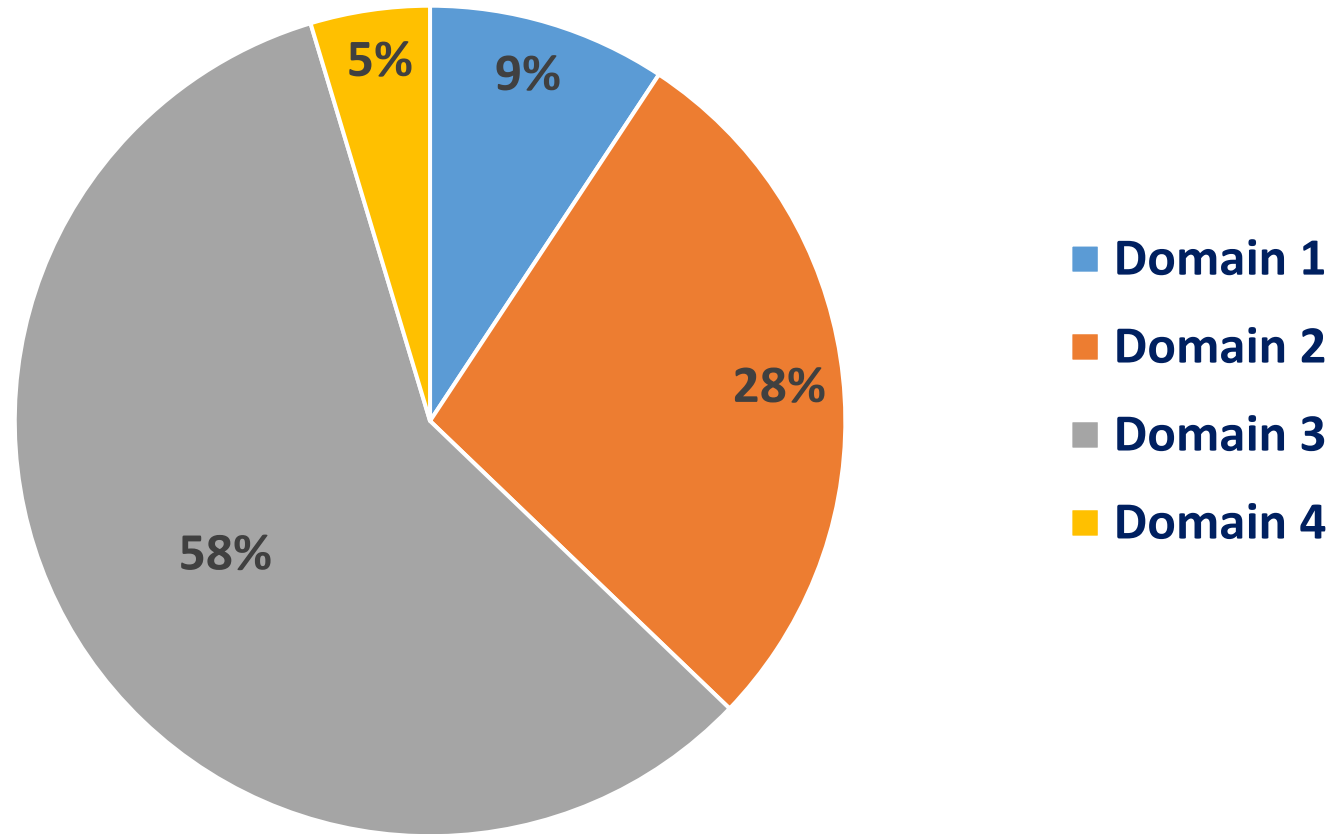




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Calculations Question (Blueprint)





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Types

CS 1.4: Health Economics

Cost-benefit analysis

Cost-effectiveness analysis

Cost-minimisation analysis

Cost differential between therapeutic agents

Cost differential between branded drugs
and generic equivalents

Cost differential between dosage forms and
routes of administration

Cost differential of dosing regimen

Cost differential of alternative treatment plans

CS 2.3: Patient medicine review and management

Dose adjustment

Pharmacokinetics

Creatinine clearance

CS 2.4: Medicines and medical devices safety

Calculate an appropriate dose

Prepare, concentrate, or dilute compounded medications
accurately

Interpret osmolarity, isotonicity, and milliequivalents

Prepare isotonic solutions

Reconstitute dry powders to appropriate concentration

CS 2.5: Therapeutic outcome monitoring

Dose adjustment

Pharmacokinetics

Creatinine clearance

CS 2.6: Pharmacist initiated therapy

Amount of medication required for dispensing

Suitability of doses

Doses based on patient's weight

Doses based on surface area

Prepare, concentrate, or dilute compounded medications
accurately.

Reconstitute dry powders to appropriate concentration
(including displacement volume)

Calculation of BMI

Calculation of peak flow reading



CS 3.1 Medicine production according to GxP

NaCl equivalents
Freezing point depression
Solubility
Master formulae
Changing concentrations
Trituration
Molecular weight
Reconciliation calculations in manufacturing operations (e.g. granulation yields; compression yields)
Reconciliation calculations in packaging operations (i.e. packaging materials reconciliation)
Density calculations in packaging operations (e.g. liquids packaging)
Dilutions
Formulations
Isotonicity calculations

CS 3.2: Supply chain management

Min/max order/reorder levels
Acquisition costs
% mark-up
ABC analysis
Lead-time
Buffer/safety levels
Distribution fees
Patient bonus stock
Batch supply cost analysis

CS 3.3: Formulary development

Calculation of costs
Cost-benefit analysis
ABC analysis

CS 3.4: Medicine dispensing

Prescription verification
Amount of medication required for a prescription
Suitability of doses
Dosage
Doses based on patient's weight
Doses based on surface area
Concentrations
Intravenous injection doses including paediatrics
Reconstitution for oral or parenteral use (including displacement volume)
Rate of infusion

CS 3.5: Medicine compounding

Master formulae
Changing concentrations
Solubility
Reconstitution calculations
Dilutions

CS 4.2: Financial management

% mark-up AND Dispensing fee
Budgeting



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Pharmaceutical Calculations

H. C. Ansel

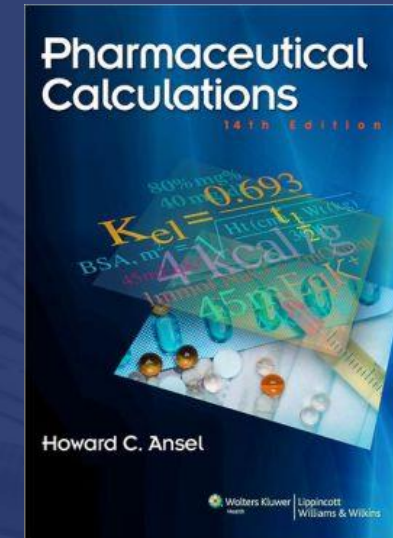
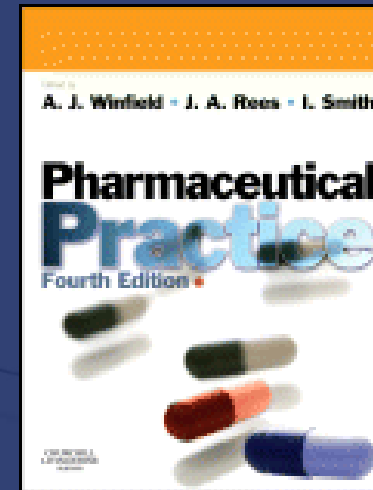
Calculations for Pharmaceutical Practice

A. J. Winfield & I.O. Edafiogho 4th Edition

Pharmaceutical Practice

A. J. Winfield, J.A. Rees & I. Smith

Recommended textbooks for calculations



Note: Text books are of more value before the exam than during the exam. **BE MINDFUL OF TIME**



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Calculation Tips & Advice

Tips



Understand the principle, do not memorise the calculation

Units

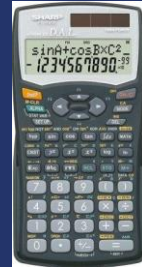
What are the SI units?

Example: % w/v = g/100ml

Equations

Identify the equations you have used while practicing.

Example: $C_1V_1 = C_2V_2$



Equipment

Scientific calculator

Use same one to practice as you will use in the exam

Check batteries

Know the settings of your calculator

Paper & pens



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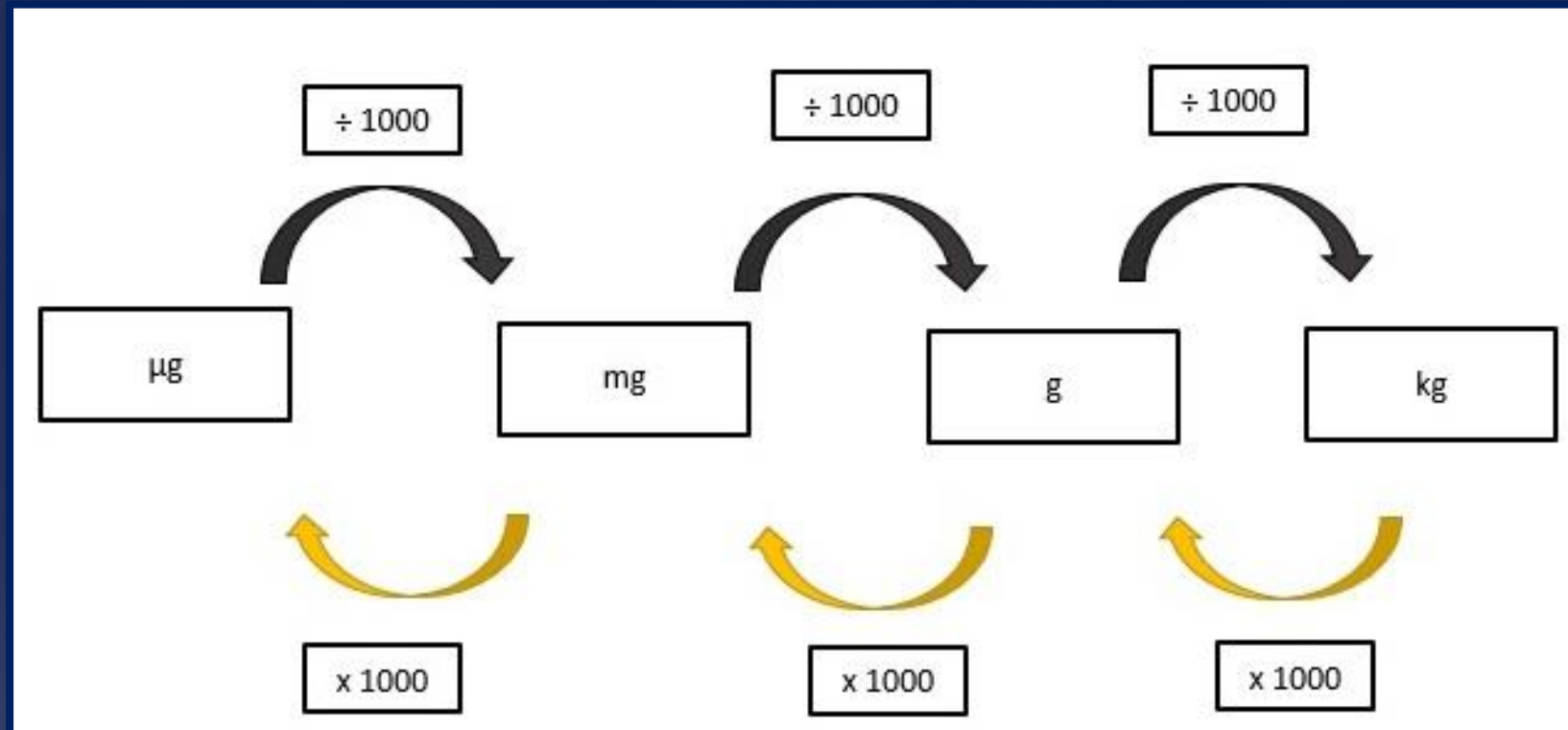
Calculations Tips

Tips:

Conversion

Practice converting between units

Example: 10 ppm can be expressed as 0.001%

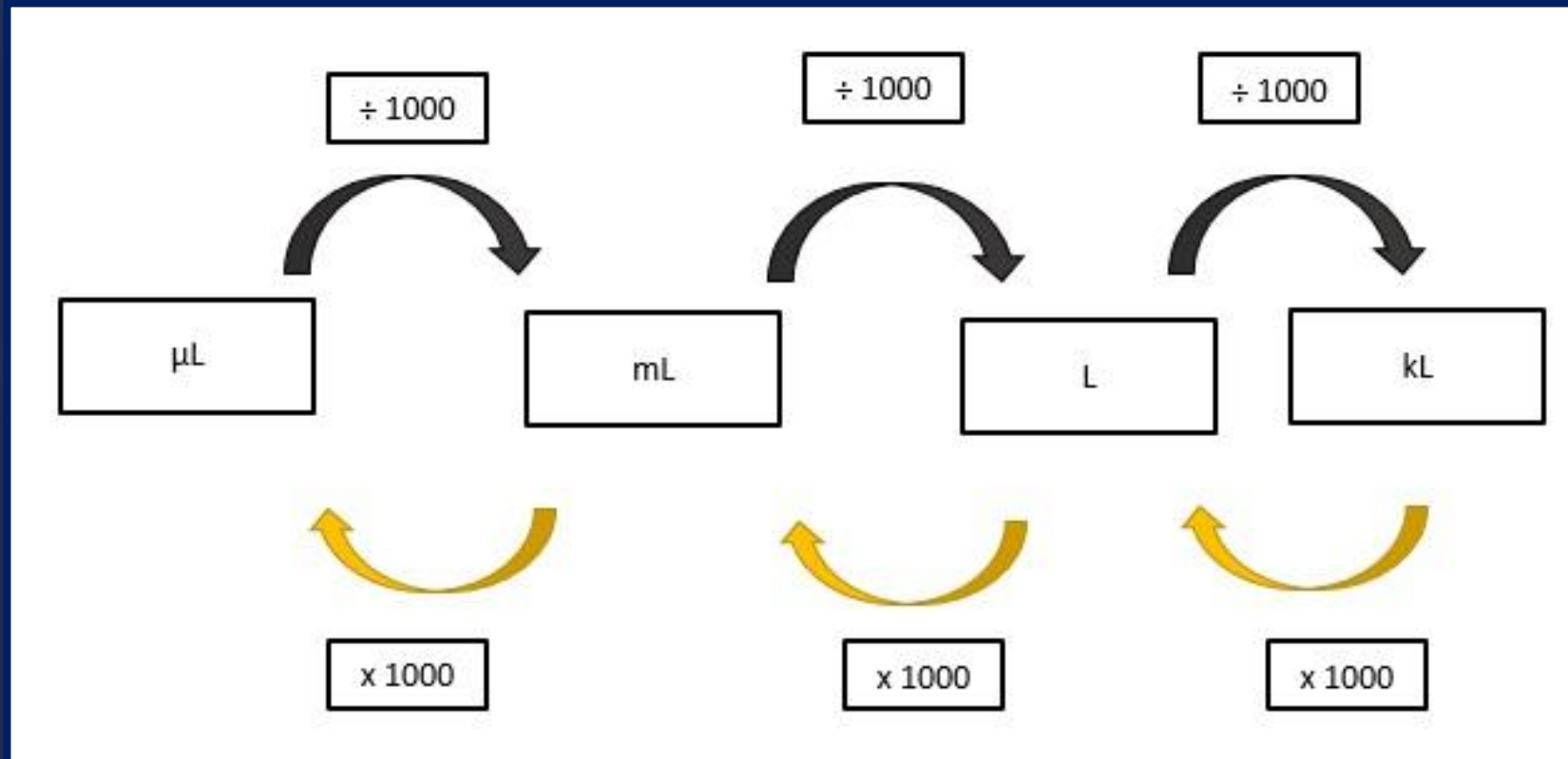




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Calculation Tips

Tips:
Conversion



Helpful tips

Exam technique

- Select the correct formula
- Transcribing - Double check against the question that you have used the correct figures in your formula
- If possible, estimate a range for your answer
- Always double check your calculation





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Managing time



Maximising your time - 120 minutes

40 MCQs

Approximately 3 minutes per question

No negative marking
Do not leave anything blank



Calculation: Example 1

A 55-year-old male patient is stabilised on warfarin 5 mg daily at a cost of R 28-80 per month. The patient has his INR monitored weekly at a cost of R117-70 per test. The patient has heard about rivaroxaban from his doctor and wants to know the cost implications. The cost of rivaroxaban 15 mg daily is R637-95 per month. What is the difference in cost between these two options?



Example 1: Solution

Warfarin cost per month is:

Warfarin = R28.80

Tests = R117.70 x 4 = R470.80

Total cost = R28.80 + R470.80 = R499.60

Rivaroxaban cost = R637.95

Cost difference = R637.95 - R499.60 = R138.35

Rivaroxaban treatment cost R138.35 more per month



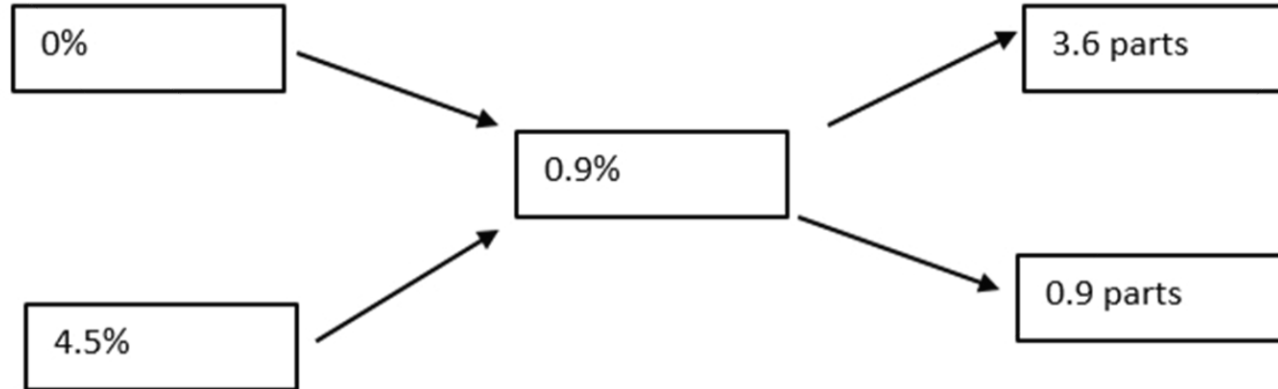
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Calculation: Example 2

A patient requires an intravenous infusion of 0.9% w/v sodium chloride. In your hospital pharmacy department you have Water for Injection BP and 4.5% w/v Sodium Chloride Solution BP. Assuming no volume displacement effects, what volume of the 4.5% w/v Sodium Chloride Solution BP need to be added aseptically to an expandable PVC infusion bag containing 100 ml Water for Injection BP to produce the required sodium chloride concentration?



Example 2: Solution



100 ml is equal to 3.6 parts

Therefore:

$$\frac{0.9 \text{ parts}}{3.6 \text{ parts}} = \frac{X \text{ ml}}{100 \text{ ml}}$$

$$X \text{ ml} = 25 \text{ ml}$$

A volume of 25 ml of the 4.5% w/v solution need to be added to the infusion bag



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Calculation: Example 3

Given that the relative molecular mass (RMM) of sodium chloride is 58.5 g/mol, what amount of sodium chloride powder is required to prepare 300 ml of a solution containing 50 mmol/l?



Example 3: Solution

$$1 \text{ mmol of NaCl} = 58.5 \text{ mg}$$

$$\frac{50 \text{ mmol}}{1 \text{ mmol}} = \frac{X \text{ mg}}{58.5 \text{ mg}}$$

$$X = 2925.0 \text{ mg}$$

If you have 2925.0 mg NaCl in 1 L of solution you have a 50 mmol/L solution

Therefore for 300 mL:

$$\frac{X \text{ mg}}{2925.0 \text{ mg NaCl}} = \frac{300 \text{ mL}}{1000 \text{ mL}}$$

$$X = 877.5 \text{ mg NaCl}$$



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Calculation: Example 4

A pharmacist receives the following prescription:

Rx	Ephedrine HCl	0.5 g
	Chlorobutanol	0.25 g
	Dextrose, anhydrous	q.s.
	Purified water	ad 50 ml

How many grams of anhydrous dextrose should be used in compounding the prescription to make an isotonic solution?

The sodium chloride equivalent for a 1% w/v solution of ephedrine HCl is 0.3 and for a 1% w/v solution of chlorobutanol is 0.24 and for a 1% solution of anhydrous dextrose is 0.18.



Example 4: Solution

Calculate the equivalent sodium chloride for Ephedrine HCl and Chlorobutanol as follows:

Ephedrine HCl

$$\frac{0.5 \text{ g Ephedrine HCl}}{1 \text{ g Ephedrine HCl}} = \frac{X \text{ g NaCl}}{0.3 \text{ g NaCl}}$$

$$X = 0.15 \text{ g NaCl}$$

Chlorobutanol

$$\frac{0.25 \text{ g Chlorobutanol}}{1 \text{ g Chlorobutanol}} = \frac{X \text{ g NaCl}}{0.24 \text{ g NaCl}}$$

$$X = 0.06 \text{ g NaCl}$$

The total NaCl equivalent in the preparation is 0.21 g

An isotonic solution of NaCl contains 0.9 g of NaCl in 100 ml of solution, thus 0.45 g per 50 ml

The quantity of NaCl therefore theoretically needed is 0.24 g

Calculate the equivalent quantity of anhydrous dextrose as follows:

$$\frac{X \text{ g anhydrous dextrose}}{1 \text{ g anhydrous dextrose}} = \frac{0.24 \text{ g NaCl}}{0.18 \text{ g NaCl}}$$

$$X = 1.33 \text{ g anhydrous dextrose}$$



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Calculation: Example 5

Calculate the quantity of NaCl (g) that should be added to 150 ml of a 1% w/v solution of apomorphine hydrochloride to render the solution isotonic with blood plasma.

ΔT_f of a 1% w/v solution of the drug and NaCl is 0.08 and 0.58 °C respectively.



Example 5: Solution

$$W = \frac{0.52 - a}{b}$$

$$W = \frac{0.52 - 0.08}{0.58}$$

g/100ml

$$w = 0.758\% \text{ m/v}$$

For a 150 ml solution you therefore you need:

$$\frac{X \text{ g NaCl}}{0.758 \text{ g NaCl}} = \frac{150 \text{ ml}}{100 \text{ ml}}$$

$$X = 1.137 \text{ g NaCl}$$



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Calculation: Example 6

How many milliequivalents of potassium ion (K^+) are there in a 250 mg penicillin V potassium tablet?

Note: Molecular weight of penicillin V is 388.48; there is one potassium ion in the molecule, and the valence of K^+ is one



Example 6: Solution

Calculate the number of mEq per mmol as follows:

$$\text{mEq/mmol} = \text{valence} \times \text{number}$$

$$\text{mEq/mmol} = 1 \times 1$$

$$\text{mEq/mmol} = 1$$

Calculate the Equivalent weight as follows:

$$\text{Eq weight} = \frac{\text{Molecular weight in mg/mmol}}{\text{mEq/mmol}}$$

$$\text{Eq weight} = \frac{388.48 \text{ mg/mmol}}{1 \text{ mEq/mmol}}$$

$$\text{Eq weight} = 388.48 \text{ mg/mEq}$$

There is therefore 1 mEq of K^+ in 388.48 mg of penicillin V

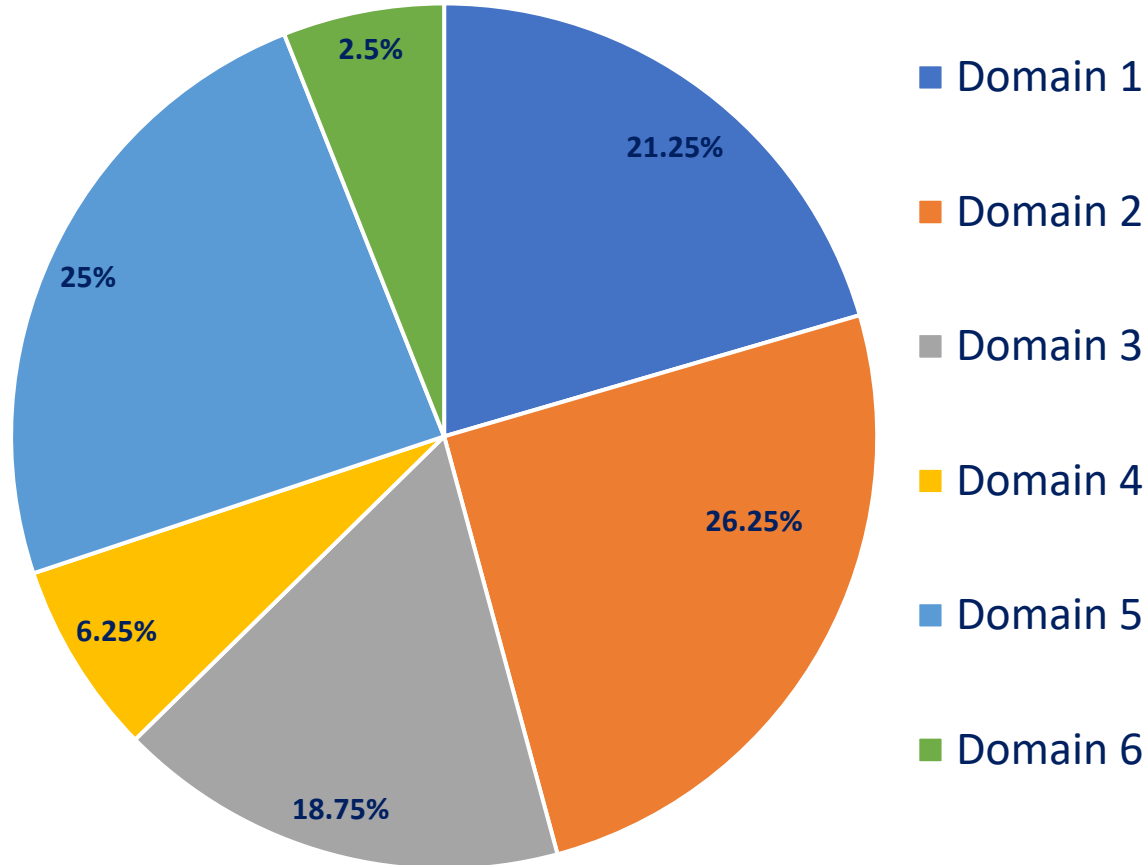
For a weight of 250 mg of penicillin V:

$$\frac{X \text{ mEq}}{1 \text{ mEq}} = \frac{250 \text{ mg}}{388.48 \text{ mg}}$$

$$X = 0.644 \text{ mEq of } K^+$$



General Questions (Blueprint)





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What references can you use?



References to use:

SAMF

MIMS / MDR

PDF References provided:

EML and STG – PHC, Paediatric and Hospital

Good Pharmacy Practice Manual and associated Rules

SA Guide to Good Manufacturing Practice

Pharmacy Act, 53 of 1974 (consolidated)

Medicines and Related Substances Act, 101 of 1965 (as amended)

Is it current?



Pharmacist Intern

[Overview](#) [Scope of Practice](#) [Internship](#) [Manual](#) [CPD](#) [Pre-Reg Examinations](#) [Applications](#) [Fees](#) [Login](#) [Search](#) [Opportunities](#)

Introduction

The practical training year is extremely important to the pharmacy graduate. The pre-registration programme, developed by the South African Pharmacy Council (Council), lays the foundation for the internship year and provides the pharmacy graduate with an opportunity to gain practical experience and knowledge in a practice setting. It is also the year in which the tutor nurtures and guides the intern towards adopting a specific approach and attitude towards the practice of the pharmacy profession.

[Click here](#) to download the 2021 *Intern and Tutor Manual*

The Intern CPD System has been revamped. To help interns navigate the new system, an Intern CPD User Manual has been compiled. [Click here](#) to download the *Intern CPD User Manual*.

Other important documents (Click on title to download/view):

- [Good Pharmacy Practice Manual and Associated SAPC Rules](#)
- [SA Guide to GMP June 2010](#)
- [Standard Treatment Guidelines and Essential Medicines List For South Africa - \(Hospital Level Adults\) 2019 Edition](#)
- [Standard Treatment Guidelines and Essential Medicines List For South Africa - \(Hospital Level Paediatrics\) 2017 Edition](#)
- [Standard Treatment Guidelines and Essential Medicines List For South Africa - \(Primary Health Care Level\) 2020 Edition](#)
- [National Drug Policy for South Africa](#)





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COVID-19 NATIONAL LOCKDOWN

Publications



Annual Reports



Legislation



Pharmaciae



Rate Card



Reports

Electronic references



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Electronic references

Legislation



[Act](#) [Regulations](#) [Rules](#) [Board Notices](#) [Proposed Legislation](#)

Act

- [Pharmacy Act, 53 of 1974 \(consolidated\)](#)

Legislation

[Act](#) [Regulations](#) [Rules](#) [Board Notices](#) [Proposed Legislation](#)

Regulations

- [Information to be furnished to the Registrar \(1975\)](#)
- [Appointment and business of office bearers \(1978\)](#)
- [Supplementary training \(1995\)](#)
- [Election of SAPC Members \(1998\)](#)
- [Pharmacy Education and Training \(2000\)](#)
- [Community Service \(2000\)](#)
- [Practice of Pharmacy \(2000\)](#)
- [Persons Unfit to Practice \(2000\)](#)
- [Registration of Persons and Maintenance of Registers \(2000\)](#)
- [Conduct of inquiries held in terms of Chapter V of the Act \(2001\)](#)
- [Ownership and Licencing of Pharmacies \(2003\)](#)
- [Continuing Professional Development \(CPD\) \(2019\)](#)





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Electronic references

Legislation

[Act](#) [Regulations](#) [Rules](#) [Board Notices](#) [Proposed Legislation](#)

Rules

- BN81 of 2020: Amendment to Rule 2.31.3: Minimum Standards for trading title(s)
- BN78 of 2020: Good Pharmacy Education Standards (Occupational Qualification Sub-Framework)
- BN27 of 2020: Rules relating to the services for which a pharmacist may levy a fee and guidelines for levying such a fee(s)
- BN205 of 2019: Rules relating to what constitutes good pharmacy practice (Amendments to Rules 1.2.4; 3.6 & 4.2.3.3)
- BN172 of 2019: Rules Relating to Good Pharmacy Practice - Unit Dose Dispensing
- BN84 of 2018: Amendments to Good Pharmacy Practice (Minimum Standards for Pharmacy Premises, Facilities and Equipment)
- Ethical Rules: Acts or omissions which can lead to disciplinary action (1989)
- Good Pharmacy Practice Manual and Associated SAPC rules
- Code of Conduct for pharmacists and register persons (2008)
- Services for which a pharmacist may levy a fee (2019)





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Electronic references

Legislation

Act Regulations Rules Board Notices Proposed Legislation

Board Notices

- BN138 of 2020: BPharm graduates registrations as Pharmacist's Assistants
- BN132 of 2020: Fees payable to SAPC for 2021
- BN82 of 2020: CPD Guidance Document
- BN80 of 2020: Restoration of registration of pharmacists' requirements
- BN63 of 2020: Guideline for removal of pharmacy registration/recording as a result of non-compliance with GPP and other pharmacy legislation
- BN188 of 2019: Fees payable to SAPC for 2020
- BN174 of 2019: Rules Relating to Continuing Professional Development (CPD)
- BN170 of 2019: Committee of Formal Inquiries Findings
- BN32 of 2019: Amendments to Good Pharmacy Education Standards (Higher Education and Training)
- Amounts payable for penalties and offences (1999)
- Commencement of Community Service (2000)
- Application fee for pharmacy premises licences (2003)
- Fees payable to SAPC for 2017 (2016)
- Fees payable to SAPC for 2018 (2017)
- Good Pharmacy Education Standards (HET) (2017)
- Fees payable to Council after VAT adjustment (2018)
- BN59 of 2018 Competency Standards
- Fees payable to SAPC for 2019 (2018)





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How to use the references material?

BOOKS



Learn how to use each reference material

Where is the index?

What information can I find in each reference material?

Tips:

More is not necessarily better

Avoid using a reference book you have never used before

Using notes from University may not help (information may no longer be valid)

ONLINE



Familiarise yourself with online references

Download references before exam

Time consuming to search during exam

Information may not correlate to recommended reference material



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Other useful online resources



EMGUIDANCE



MSD MANUAL
Professional Version

The trusted provider of medical information since 1899

SAHPRA
South African
Health Products
Regulatory Authority

Can I use
apps?

Can I use a
second device for
resources?

Helpful tips

- READ the question carefully
- Identify the statements of which you are sure
- Confirm (using references) the statements you are unsure of
- If you can't complete the question, carry on and when you have time towards the end of the exam come back to it.

!

“TRUE”, “IS” and “CORRECT”

“FALSE”, “NOT” and
“INCORRECT”

“MOST APPROPRIATE” implies
that more than one answer is
possible, thus select the most
inclusive answer



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Managing time



Maximising your time – 150 minutes

80 MCQs

4 options per MCQ

Less than 2 minutes per question

No negative marking

Do not leave anything blank





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Pre-registration Examinations 2023

PRACTICE EXAMINATION	PRE-REGISTRATION EXAMINATION
24 January (Tuesday)	01/02 March (Wednesday/Thursday)
01 June (Thursday)	01/02 August (Tuesday/Wednesday)
17 August (Thursday)	24/25 October (Tuesday/Wednesday)

Practice examination may be written at any time –
no entrance criteria apply.
Compulsory to write it once.



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Booking for the examinations

Update your details on your
SAPC profile

Cell phone number

Email address

Profile picture

Notified via email and SMS
when bookings are open

IMPORTANT DATES

Bookings open	6 weeks before the exam
Bookings close	4 weeks before the exam
Late bookings (fee applied)	4 weeks – 14 days before exam



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Where to find practice
examinations?

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[Overview](#) [Scope of Practice](#) [Internship](#) [Manual](#) [CPD](#) [Pre-Reg Examinations](#) [Applications](#) [Fees](#) [Login](#) [Search](#) [Opportunities](#)

The South African Pharmacy Council (Council), in 2018, developed a new format for the pre-registration examination which is in line with the new competency standards. Council resolved that the pre-registration examination be conducted three times, i.e. in March, July and October as indicated in the schedule below.

PRE-REGISTRATION PRACTICE EXAMINATION

Please [click here](#) to access the pre-registration examination (5 & 6 March 2021).

Only candidates booked for the pre-registration practice examination will be able to access the examination.

The examination format consists of one paper comprising of the calculation and general sections, written over four and a half (4¹/₂) hours. The calculation section will be written over two (2) hours and the general section over two and a half (2¹/₂) hours. You may download the [sample 2019 Practice Pre-Registration Exam Paper by clicking here](#).

The blueprint for the new format examination is available in the 2021 *Intern and Tutor Manual*. [Click here](#) to download the 2021 *Intern and Tutor Manual*.

Profile picture

Image uploaded on SAPC need to be:

- a colour image
- taken in last 6 months
- of your head and shoulders

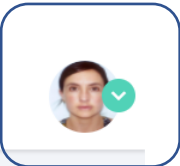
PLEASE NOTE:

Profile picture is used by the invigilator to verify identity of candidate writing the exam





1



MS. DEANNE JOHNSTON

Dashboard

CPD

Manuals

My Progress

Log Out

Profile



Choose file

No file cho

2

P Number

P22800

Role

Pharmacist

Title

Ms

First Name

Deanne

Second Name

Mary Graham

Third Name

Fourth Name

Surname

Johnston



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Who is eligible to write the examination?

6

MONTHS

9

MONTHS

First (1st) time must be in their sixth (6th) month
(completed 5 months)

Submit six (6) CPDS & competent in three (3) submissions

Complete the practice examination

Tutor must have submitted the three (3) progress reports

Interns in the ninth (9th) month or more
(completed a minimum of 8 months)

Submit AND competent in six (6) CPDS

Complete the practice examination

Tutor must have submitted four (4) progress reports

PLEASE NOTE:
ENTRANCE CRITERIA
WILL NOT BE CHANGED
IN 2023



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Reminder: CPDs

SUBMIT WITHOUT DELAY!!

DO NOT WAIT TILL NEXT SUBMISSION DATE

Last dates for submission of CPD entries	SAPC releases results
06 January 2023	23 January 2023
27 January 2023	13 February 2023
03 March 2023	29 March 2023
03 April 2023	27 April 2023
01 May 2023	26 May 2023
02 June 2023	23 June 2023
28 June 2023	21 July 2023
04 August 2023	25 August 2023
31 August 2023	22 September 2023
28 September 2023	16 October 2023
03 November 2023	29 November 2023
01 December 2023	17 December 2023



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Remote examination



RESIDENCE



WORK
PLACE



SAPC

← CONFIRM VENUE WHEN BOOKING FOR EXAM →



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Which
device will I
need?

What will I need
during the exam?

How will I
communicate
with SAPC?



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Remote examination



Find a quiet suitable
workplace
Enough space for device and
references



Keep calm
Communicate with your
remote invigilator if you are
experiencing any difficulty



Download electronic
references before the
examination date



Ensure you have the
equipment you will need,
i.e. calculator, paper for
working out calculations.



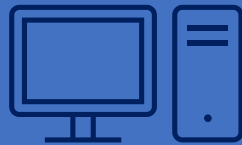
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Device and connectivity

SUGGESTED DEVICES



OR



AND



DEVICE MUST HAVE A CAMERA OR A
LINKED CAMERA WITH VIDEO CAPABILITIES



CONNECTIVITY (MINIMUM 3G)



BROWSERS


Google Chrome

 Firefox


Microsoft Edge

 Newwin



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Where do you find the examination?



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About SAPC

Registered Persons

Registered Organisations

Members of the Public

COVID-19

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Registered Persons

The South African Pharmacy Council (SAPC) registers all professionals practising in the pharmacy profession as well as learners and students. The below tabs provide relevant information and direct you to services applicable to your specific registration category.



Pharmacy Student



Pharmacist Intern



Pharmacist



Responsible Pharmacist



Assessor / Moderator



Pharmacist Intern

Overview Scope of Practice Internship Manual CPD **Pre-Reg Examinations** Applications Fees Login Search Opportunities

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PRE-REGISTRATION EXAMINATION

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What to do if you experience load shedding / loss in electricity?

1. Keep calm
2. Check your load shedding schedule and make an alternate plan
3. Ensure laptop is fully charged before the examination
4. Ensure alternative WiFi connection (if you are using a fibre connection)
5. If you are unable to find an alternate WiFi connection or if you need to be connected to power supply please find an alternative place. NB! Notify us via the WhatsApp number
6. If load shedding happens in the middle of the exam, your work will be saved.





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What happens if you lose connection?

1. Keep calm.
2. Check your connection.
3. Logon to SAPC website and exam platform again.
4. A new OTP will be sent to your cell phone.
5. All your questions answered will be saved. You will only have access to questions unanswered.

08h00

Login to the SAPC website & enter one-time pin (sent to your cell phone) to enter the examination

Complete the declaration

Read the examination rules



09h00

Examination commences (remote invigilator)

The exam will be invigilated through remote proctoring system which will have a continuous video feed and images will be taken throughout the exam



11h00

Examination ends

**Exam
Day 1**

08h00

Login to the SAPC website & enter on-time pin (sent to your cell phone) to enter the examination

Complete the declaration

Read the examination rules



09h00

Examination commences (remote invigilator)

The exam will be invigilated through remote proctoring system which will have a continuous video feed and images will be taken throughout the exam



11h30

Examination ends

Complete the post-examination survey

**Exam
Day 2**



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Where you sit is **IMPORTANT**

Ensure there is sufficient lighting (for example close curtains or blinds if sitting in front of a window)

Test the lighting beforehand (take a selfie of yourself)

Ensure camera on your device and cell phone are working

Dress appropriately – videos and images taken form part of your permanent record

If the invigilator cannot see you, they will communicate this to you via the chat function



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What will the examination look like?

1

2

3

4



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Login

Username

National ID/Passport

Password

ENTER

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One-Time Password (OTP)

Please wait 20 seconds, one-time password will be sent to your cell phone. Enter the number in the textbox below and click the **Continue** button. If you have not received a SMS,


RE-SEND OTP

Examination Intern Pre – Registration Examination Paper

Date

One-Time Password

CONTINUE

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Declaration

- I am writing the examination in a suitable area with minimal anticipated distractions.
- I am writing the examination at the place stipulated in my booking confirmation.
- I am not sitting next to or in close proximity to any other intern writing the examination.
- I will not receive any form of assistance from any person while writing this examination.
- I will not communicate (verbal/electronic/in person) with any intern/pharmacist/tutor/registered person during the examination.



START THE EXAM

Paper Details

Time Allowed	2 hrs 0 minutes
Time	09:00 to 11:00
Total	40
Overall pass %	60

Calculations

Duration	2 hrs 0 minutes
Pass %	60

General

Duration	0 hrs 0 minutes
Pass %	0



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5

South African Pharmacy Council Intern Pre - Registration Examination Paper

Time: 01:42:27

39 02:52

Question

(a)

(b)

(c)

(d)

6

South African Pharmacy Council

Examination Complete

I confirm that I have completed the examination without assistance from any person and adhered to the code of conduct. I understand that if I am found to have contravened the code of conduct the SAPC will implement disciplinary action against me.

I will not share or retain the contents of the examination via electronic, printed, written or verbal means with any person.

SUBMIT EXAMINATION

7

Examination Complete

Council would like your feedback in order to provide an adequate online examination experience for interns. Please click the [Post Examination Survey] button to complete the survey.

POST EXAMINATION SURVEY

Thank you for completing the Calculation Section of the examination.

A notification will be sent once the results have been released by the SAPC. Refer to your intern manual for the timelines for examination results release.



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DECLARATION FOR THE ONLINE/REMOTE PRE-REGISTRATION EXAMINATION

• PRIOR TO START OF EXAMINATION

I hereby declare that I am the pharmacist intern registered to write the pre-registration examination on the _____ and agree to abide by the Examination Code of Conduct:

- I am completing the examination in a suitable area with minimal anticipated distractions.
- I am completing the examination at the location/place stipulated in my booking confirmation.
- I have procured the minimum required data for the purpose of the examination, which is equivalent to 3Gb per paper.
- I am not sitting next to or in close proximity to any other pharmacist intern completing this examination.
- I will not receive any form of assistance from any person while writing this examination.
- I will not communicate (verbal / electronic / in person) with any pharmacist intern / pharmacist / tutor / registered person during the examination.
- I will only use the reference material permitted in the pre-registration examination.
- I will not access any other reference material that has been prohibited including websites.
- I will not give any assistance to any person completing this examination.
- I will not share or retain the contents of the examination via electronic, printed, written or verbal means with any person.
- I will inform the South African Pharmacy Council if I am aware of any pharmacist interns that contravene the Examination Code of Conduct.



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Examination format

ONE QUESTION PER PAGE

Cannot select which questions to answer first

RANDOMISATION OF QUESTIONS

TIMED EXAMINATION

CANNOT REVISIT ANY QUESTION THAT HAS BEEN

ANSWERED

UNANSWERED QUESTIONS MAY BE REVISITED AT THE

END OF THE EXAMINATION



Single best answer Multiple choice questions

QUESTION

1.
You are a pharmacist intern at a hospital. As part of your project, you would like to conduct a retrospective chart review of the long-term side effects of anti-retroviral therapy. What approvals are needed to conduct this survey?

- (a) Ethical and SAHPRA approval
- (b) Informed consent from the patients and prescriber approval
- (c) Hospital and SAPC approval
- (d) Ethical and hospital approval

ANSWER

OPTIONS



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How do you submit the examination ?

- Your answers are saved as you proceed through the exam. If you lose the WIFI signal at any time your answers are saved.
- Each answer is time-stamped and recorded on the examination platform.
- You may only revisit unanswered questions at the end of the exam.
- Once you press submit, you will no longer have access to ANY questions.



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DECLARATION FOR THE ONLINE/REMOTE PRE-REGISTRATION EXAMINATION

- **END OF EXAMINATION**
 - I confirm that I have completed the examination without assistance from any person and adhered to the Examination Code of Conduct. I understand that if it is found that I have contravened the Examination Code of Conduct, the SAPC will implement disciplinary action against me in terms of Chapter V of the Pharmacy Act.
 - I will not/have not shared or retained the contents of the examination via electronic, printed, written or verbal means with any person.



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When will you receive your results?



Examination Bookings



Examination Results



Practise Examinations



Examination

- Examination results will be released once the results have been moderated and approved by the Registrar
- Results will be available online

How to appeal examination results?

- You may submit an appeal against the exam results
- You may apply online for a review of your exam paper
- Above requests must be submitted to Council in writing
- Not later than 30 days after the examination results are released

What happens if you are unsuccessful at the examination?

- You may rewrite the examination at the next sitting
- It is compulsory to re-write BOTH sections of the exam regardless of whether you passed one section previously or not

ENTRANCE CRITERIA

Submit AND competent in six (6) CPDS

Complete the practice examination

The tutor must have submitted the relevant progress reports according to the intern's date of registration.



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How is your internship evaluated?



Pre-
registration
Examination

CPD
Portfolio

Progress
reports

365 days of supervised practice



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ONLINE OPEN BOOK EXAMINATION

120 questions

1 mark each

NO negative marking

General practice: \pm 70%

Calculations: \pm 30%

PASS MARK

General questions = 50%

Calculations = 60%



SIX CPD ENTRIES:

One outcome per Domain

ASSESSMENT:

Results released two
months from submission
deadline

Results for entries
submitted after deadline
will be released 2 months
from the subsequent
submission deadline

RESUBMIT all entries 'not
yet successful'

PROOF OF COMPETENCE

Competent in 6 entries



INSTITUTIONAL / COMMUNITY

Submit 7 progress reports

MANUFACTURING

Submit 9 progress reports

Declaration 400hrs

ACADEMIA

Submit 3 progress reports

Declaration 400hrs

Achievement of Masters
Qualification

PROOF OF COMPETENCE

Favourable reports from tutor



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Am I behaving in a professional and ethical manner?



Moving pharmacies for
more pay
Moving pharmacies for
better hours



The pharmacy has invested
in you and your internship

You have taken an
internship position that
someone else could
possibly have had



Is the grass **ALWAYS** greener on the other side??



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Can I locum as a Post-Basic Pharmacist's Assistant?

Pharmacist Intern

[Overview](#) [Scope of Practice](#) [Internship](#) [Manual](#) [CPD](#) [Pre-Reg Examinations](#) [Applications](#) [Fees](#) [Login](#) [Search](#) [Opportunities](#)

- A pharmacist intern may provide or perform all the services or acts pertaining to the scope of practice of a pharmacist's assistant registered in the category pharmacist's assistant (post-basic) under the direct personal supervision of a pharmacist in a pharmacy.
- A pharmacist intern may, for the purposes of education and training, provide or perform all of the services or acts pertaining to the scope of practice of a pharmacist under the direct personal supervision of a pharmacist in a pharmacy.

1. Pharmacist Interns may locum, including academic interns.
2. Refer to the scope of practice for Pharmacist Interns as provided for in legislation.
3. Pharmacist Interns cannot be provided with a certificate stating that they are registered as a Post-Basic Pharmacist's Assistant.



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Am I registered as a Post-Basic Pharmacist's Assistant when completing my 400 hours as an academic intern?

Pharmacist Intern

[Overview](#) [Scope of Practice](#) [Internship](#) [Manual](#) [CPD](#) [Pre-Reg Examinations](#) [Applications](#) [Fees](#) [Login](#) [Search](#) [Opportunities](#)

- A pharmacist intern may provide or perform all the services or acts pertaining to the scope of practice of a pharmacist's assistant registered in the category pharmacist's assistant (post-basic) under the direct personal supervision of a pharmacist in a pharmacy.
- A pharmacist intern may, for the purposes of education and training, provide or perform all of the services or acts pertaining to the scope of practice of a pharmacist under the direct personal supervision of a pharmacist in a pharmacy.

1. Pharmacist Interns have the SAME scope of practice regardless of their sector of registration.
2. Refer to the scope of practice for Pharmacist Interns as provided for in legislation.
3. Academic interns completing their 400 hours may perform all of the services or acts pertaining to the scope of practice of a PHARMACIST under the direct supervision of a pharmacist while working in a community and/or hospital pharmacy.



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Where to find CSP information on the SAPC website?



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About SAPC

Registered Persons

Registered Organisations

Members of the Public

COVID-19

Login



The South African Pharmacy Council (SAPC) registers all professionals practising in the pharmacy profession as well as learners and students. The below tabs provide relevant information and direct you to services applicable to your specific registration category.



Pharmacy Student



Pharmacist Intern



Pharmacist



Responsible Pharmacist



Assessor / Moderator



Learner



Pharmacist's Assistant
Basic



Pharmacist's Assistant
Post-Basic



Pharmacy Technician



Pharmacy Owner



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Join us for the CSP workshop in October 2023



health

Department:
Health
REPUBLIC OF SOUTH AFRICA

Internship and
Community Service
Programme



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ICSP Info Website

ICSP Annual 2022



2022 Annual Cycle Final Allocation for Medical & Pharmacy Group 2
Commserve results have been released

Please note the following:

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