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council

Intern Written Exam

Sample Paper 1

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Contents

Information	2
Sample questions	3
Answer sheet	31

Information

This is a sample paper of the Australian Intern Written exam produced by the Australian Pharmacy Council Ltd (APC) for **practice purposes only**.

The Intern Written exam consists of 75 multiple-choice-questions and candidates have 2 hours to complete it.

This sample paper demonstrates questions from all competency areas assessed in the exam. For additional information on the content areas candidates are encouraged to refer to the [Intern Written Exam Guide](#).

All questions in this sample paper are no longer used in our current exams and have been chosen to allow candidates to gain exposure to the format and layout of questions in the exam.

Live or actual Intern Written exams will vary from this sample paper and are delivered by computer. An [online tutorial](#) is available and provides candidates with the opportunity to learn how to navigate through the exam software.

We have also included an answer sheet at the end of the paper.

Please note that while the sample paper is reviewed frequently, the APC does not guarantee that the answers are accurate once published due to interim changes that may occur in guidelines or legislation.

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Sample questions

1

Which ONE of the following anthelmintics is **LEAST** appropriate for treating threadworm in a child under 5 years of age?

- A Ivermectin
- B Albendazole
- C Mebendazole
- D Pyrantel embonate

2

Which ONE of the following statements is **INCORRECT** with regard to omega-3 fatty acids?

- A It is advisable for patients with high triglycerides to increase their intake of omega-3 fats
- B Alpha-linolenic acid (ALA) is a plant-based omega-3 source from walnuts, flaxseed and soya beans
- C Omega-3 fats are considered to be nonsteroidal anti-inflammatory drugs (NSAID) sparing agents in the treatment of inflammatory disorders
- D For patients with coronary heart disease, the recommended daily intake of omega-3 fats is the same as the daily dosage for primary prevention

3

A person who had a kidney transplant 6 months ago is taking ciclosporin to suppress rejection. He has recently acquired a fungal infection under his toenails. His doctor phones to ask your advice on treatment of onychomycosis.

Which ONE of the following is the **MOST** appropriate medication?

- A Fluconazole capsules
- B Terbinafine tablets
- C Griseofulvin tablets
- D Clotrimazole lotion

4

Which ONE of the following statements **BEST** describes a Pharmaceutical Benefits (PBS) authority prescription medication?

- A The medication has no PBS restriction on its therapeutic use
- B The medication has a low therapeutic index, which requires close monitoring
- C The medication has a high chance of adverse events, which requires the prescriber to consider carefully the risk benefit ratio for each specific patient
- D The medication has restrictions and requires approval from Department of Human Services or the Department of Veterans Affairs for a specific condition

5

Which ONE of the following substances does **NOT** cause hypokalaemia?

- A Loop diuretic
- B Salbutamol
- C Beta-blockers
- D Intravenous amphotericin

6

A patient requests that you allow them to see what information is held about them on the dispensary computer.

Which ONE of the following statements is **INCORRECT**?

- A A consumer is not allowed to see dispensary information as this may be misinterpreted by non-health professionals
- B A consumer can demand that information held about them be modified if found to be inaccurate
- C A pharmacist can deny access to information if he/she considers the information may be a threat to the life or health of an individual
- D Access may be denied if information about another patient is contained within the same patient health record

7

Which ONE of the following statements is **CORRECT** with regards to glyceryl trinitrate patches?

- A Useful in the treatment of unstable angina
- B Remove and replace every 24 hours
- C Cut to provide lower doses if necessary
- D Apply for up to 14 hours/day

8

What is aminophylline used clinically as?

- A A bronchodilator
- B An enzyme inducer
- C A contractility inhibitor
- D An enzyme inhibitor

Patient Profile

Patient Name	D C	Height	180 cm
Age	63	Weight	70 kg
Sex	Male		
Allergies	Nil known		

DIAGNOSIS

Presenting Complaint: 1. Hyperglycaemia

Medical History:

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
2 days ago	Blood glucose 9.0 millimol/L	(3-8 millimol/L)
2 days ago	Serum creatinine 0.17 millimol/L	(0.05-0.12 millimol/L)
2 days ago	Urate 0.58 millimol/L	(0.2-0.45 millimol/L)

MEDICATION RECORD

Date	Medication	Directions for use
------	------------	--------------------

PHARMACIST NOTES

Nil

9

D C has never had an attack of gout, but his urate level is elevated.

Which ONE of the following is the **MOST** appropriate action to take?

- A Allopurinol to be started at a dose of 100 mg daily
- B Colchicine to be started at a dose of 0.5 microgram twice a day
- C Probenecid be started at a dose of 500 mg twice a day
- D No treatment needs to be initiated

10

If D C was started on metformin, which ONE of the following statements is **CORRECT** regarding this medication?

- A Metformin can be used in patients with severe renal impairment with careful monitoring
- B Metformin can be used in renal impairment but not below a CrCl of 60 mL/min
- C Metformin can be used and its dose is not dictated by the state of the renal function
- D Metformin can cause renal impairment and it should be ceased until renal impairment has resolved

11

D C has a number of risk factors for cardiovascular disease.

Which ONE of the following would be an additional risk factor?

- A Low homocysteine level
- B An elevated serum albumin
- C Hypertension
- D Poor renal function

12

Which ONE of the following is the **BEST** indicator of D C's ongoing blood glucose control?

- A Random blood glucose levels
- B 3 monthly HbA1C levels
- C Weekly fasting blood glucose levels
- D Regular serum creatinine measurements

END OF PATIENT PROFILE

13

Which ONE of the following statements is **NOT** a purpose where PBS authorities are required for medicines?

- A PBS authorities are required where there is an increased quantity of medicine needed
- B PBS authorities are required where there is an increased number of repeats needed
- C PBS authorities are required where access to the medicine is restricted to certain approved doctors to prescribe
- D PBS authorities are required where concerns exist about effects on patients of varying genetic heritage

14

A 32-year-old patient is being started on treatment for a first episode of major depression. The patient's past medical history is significant for epilepsy.

Which ONE of the following antidepressants is the **LEAST** appropriate drug for use with this patient?

- A Desvenlafaxine
- B Citalopram
- C Sertraline
- D Amitriptyline

Patient Profile

Patient Name	A J	Height	160 cm
Age	80	Weight	64 kg
Sex	Female		
Allergies	Dried fruit		

DIAGNOSIS

Presenting Complaint:

1. Severe epigastric pain
2. Persistent and unresolved nausea

Medical History:

1. Severe dementia (worsening)
2. Transient ischaemic attacks
3. Depression
4. Falls / fractures
5. Osteoporosis

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
------	------	-----------------

MEDICATION RECORD

Date	Medication	Directions for use
Today	Aspirin 300 mg	0.5 mornings
Today	Calcitriol 0.25 microgram	Take ONE twice a day
Today	Calcium carbonate 600 mg	Take ONE twice a day
Today	Galantamine 16 mg	Take ONE daily
Today	Metoclopramide 10 mg	Take ONE three times a day as needed
Today	Pantoprazole 40 mg	Take ONE daily
Today	Paracetamol 500 mg	Take TWO mornings

PHARMACIST NOTES

Date	Comment
Today	Medications are current and ongoing.
Today	Recommended doctor review patient's medicines in light of her exacerbation of epigastric pain and nausea.

15

Which ONE of the following treatment options would be the **MOST** appropriate to relieve A J's nausea/vomiting?

- A Change metoclopramide dosage to 1 three times a day regularly
- B Add ondansetron 8 mg twice a day
- C Trial discontinuation of galantamine
- D Increase pantoprazole dosage to 40 mg twice a day

16

Which ONE of the following tests may be considered to investigate her continuing gastric discomfort?

- A Colonoscopy
- B B12/Folate
- C Urea breath test
- D Bronchoscopy

17

Which ONE of the following medications is **LEAST** suitable to manage A J's depression?

- A Sertraline
- B Mirtazapine
- C Doxepin
- D Moclobemide

18

Which ONE of the following medicines is **LEAST** likely to be contributing to A J's nausea/vomiting?

- A Galantamine
- B Calcitriol
- C Aspirin
- D Calcium carbonate

END OF PATIENT PROFILE

19

A regular female customer tells you that she feels a migraine is starting. She asks if her usual treatment is safe for her to use given that she is 8 months pregnant. She has previously used soluble aspirin and metoclopramide which has been effective.

What is the **MOST** appropriate safe advice to treat her migraine?

- A Aspirin and metoclopramide are safe to use throughout pregnancy
- B Aspirin should be ceased, as it is not recommended in late pregnancy - the metoclopramide alone should be effective
- C Aspirin and metoclopramide should be substituted with ibuprofen 2 x 200 mg 3 times a day
- D Aspirin can be substituted with 2 x 500 mg paracetamol, taken with the metoclopramide

33

Which ONE of the following oral benzodiazepines has the shortest duration of action?

- A Lorazepam
- B Diazepam
- C Midazolam
- D Alprazolam

21

The metalwork teacher from the local high school comes into your pharmacy with a student complaining of a red and painful eye. Upon examination you can see a small piece of metal lodged in the surface of his eye.

Which ONE of the following is the **MOST** appropriate action to take?

- A Irrigate the eye under a stream of cool tap water for at least 10 min
- B Recommend the use of anti-inflammatory eye drops, with the instruction to visit the doctor if the inflammation persists after 24 hours
- C Lie the student down and tell him to keep still, whilst you remove the metal with a clean pair of forceps
- D Close the eye, cover it with a bandage or sterile pad, tell him to keep his head still and arrange for transport to the nearest hospital

22

An 80 kg man is being treated for ventricular fibrillation with lidocaine (lignocaine). The protocol for the lidocaine (lignocaine) infusion (using a 5 mg/mL vial) is:

- Bolus 1 mg/kg per min for 2 min
Infusion 4 mg/min for 1 hour then 3 mg/min for 1 hour then 2mg/min for 10 hours

What volume of lidocaine (lignocaine) is required for the initial bolus and the first hour of the infusion?

- A 44 mL
- B 60 mL
- C 64 mL
- D 80 mL

23

Which ONE of the following beta-blockers has the strongest clinical evidence for reduction of both morbidity and mortality in patients with left ventricular systolic heart failure?

- A Atenolol
- B Propranolol
- C Carvedilol
- D Sotalol

24

Which ONE of the following is a key counselling point when eletriptan is prescribed?

- A The patient may use the drug as many times as required until symptoms resolve
- B These tablets may not be crushed or chewed
- C Stop using this drug if you are pregnant or planning to become pregnant
- D This drug is for use in acute migraine headache

25

Which ONE of the following statements is **CORRECT** regarding the guidelines for pharmacists issuing medical certificates under the Workplace Relations Act 1996?

- A A medical certificate issued by a pharmacist must be accepted as evidence of illness or injury for the purpose of health and welfare benefit entitlements
- B It is recommended that records of the medical certificate be kept for at least 6 months
- C A pharmacist may not issue a medical certificate in relation to an illness or injury outside of their scope of practice
- D It is not necessary to conduct a consultation with the ill or injured person, if the medical certificate is being issued for a carer

Patient Profile

Patient Name	T K	Height	120 cm
Age	3 years, 2 months	Weight	14 kg
Sex	Male		
Allergies	Nil known		

DIAGNOSIS

Presenting Complaint:

1. Pain and fever
2. Rash

Medical History:

1. Otitis media

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
Today	Temperature 38°C	36.8°C +/- 0.4°C

MEDICATION RECORD

Date	Medication	Directions for use
------	------------	--------------------

PHARMACIST'S NOTES

Date	Comment
Today	T K has been experiencing localised pain in the ear for 2 days, which has not resolved with regular paracetamol use.

26

What directions for use are **MOST** appropriate for T K's mother using paracetamol 100 mg/mL, in T K?

- A 1.4 mL 4 hourly, maximum 5 doses in 24 hours
- B 2.1 mL 4-6 hourly, maximum 4 doses in 24 hours
- C 4.2 mL 4-6 hourly, maximum 4 doses in 24 hours
- D 1.2 mL 4-6 hourly, maximum 4 doses in 24 hours

27

After 5 days of treatment, T K develops severe diarrhoea.

Which ONE of the following is the **MOST** appropriate treatment?

- A Cease the antibiotics and encourage fluids
- B Cease antibiotic and use loperamide 2 mg stat and after each loose bowel motion
- C Continue the antibiotics and encourage fluids
- D Continue the antibiotics and use loperamide 2 mg stat and after each loose bowel motion

28

Which ONE of the following organisms is **MOST** likely to cause otitis media?

- A *Staphylococcus aureus*
- B *Escherichia coli*
- C *Streptococcus pneumoniae*
- D *Mycoplasma pneumoniae*

END OF PATIENT PROFILE

29

Which ONE of the following statins is **LEAST** likely to have CYP3A4/5 drug–drug interactions?

- A Fluvastatin
- B Atorvastatin
- C Simvastatin
- D Pravastatin

30

Which ONE of the following is the **LEAST** likely adverse effect from the use of the drug pregabalin?

- A Ataxia
- B Peripheral oedema
- C Drowsiness
- D Anorexia

31 Which ONE of the following is **NOT** an appropriate counselling point for patients initiating apixaban treatment?

- A Make sure to consult the doctor to establish a routine for blood tests
- B Avoid the use of drugs such as aspirin and over the counter non-steroidal anti-inflammatories
- C The drug should be inhaled 24 to 48 hours before undergoing any dental procedures
- D Consult the doctor at the first sign of any unexpected bruising or bleeding

32

Which is the **MOST** appropriate dose for an initial six weeks' treatment of methotrexate, when used for the management of rheumatoid arthritis in adults?

- A 5 mg weekly
- B 10 mg weekly
- C 25 mg weekly
- D 25 mg monthly

Patient Profile

Patient Name	J B	Height	170 cm
Age	46	Weight	63 kg
Sex	Female		
Allergies	Nil known		

DIAGNOSIS

Presenting Complaint:

1. Advanced breast cancer
2. Bone metastases

Medical History:

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
------	------	-----------------

MEDICATION RECORD

Date	Medication	Directions for use
Today	Ondansetron 8 mg	Take ONE every 8 hours for 3 days
2 weeks ago	Dexamethasone 20 mg	As required
1 month ago	Doxorubicin 75 mg / m ² (intravenous)	Every 3 weeks

PHARMACIST NOTES

Nil

33

J B presents with cardiac failure characterised by shortness of breath and peripheral oedema.

The doxorubicin dose of 75 mg/m² should be:

- A Ceased
- B Unchanged, as the cardiac failure is unrelated
- C Changed to a 6-weekly cycle and reduced to 35 mg
- D Changed to daunorubicin 75 mg/m²

34

The **MOST** likely indication for dexamethasone in J B's medication profile is as what type of agent?

- A Analgesic
- B Anti-emetic
- C Anti-cancer
- D Immunosuppressant

35

Which ONE of the following statements about ondansetron is **INCORRECT**?

- A It acts by central and peripheral 5HT₃ receptor blockade
- B The dose needs to be reduced in severe renal impairment
- C It is more effective for acute, rather than delayed, adverse effects of cancer therapy
- D It decreases the analgesic effect of tramadol

END OF PATIENT PROFILE

36

Which ONE of the following medications requires the **MOST** caution when being used in women who are pregnant?

- A Vitamin A
- B Vitamin B
- C Vitamin K
- D Vitamin E

37

Which ONE of the following counselling points is **MOST** appropriate for alendronate?

- A Take in the morning 30 min before breakfast and remain upright until breakfast.
- B Take in the morning with breakfast to avoid stomach upset
- C Take at bedtime to avoid possible drowsiness
- D Take one hour after a meal

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Patient Profile

Patient Name	R M	Height	175 cm
Age	64	Weight	72 kg
Sex	Male		
Allergies	Nil known		

DIAGNOSIS

Presenting Complaint: 1. Angina

Medical History: 1. Depression
2. Hypercholesterolaemia

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
------	------	-----------------

MEDICATION RECORD

Date	Medication	Directions for use
Today	Glyceryl trinitrate 600 microgram	Take as needed
Today	Amlodipine 5 mg	Take ONE in the mornings
2 weeks ago	Simvastatin 20 mg	Take ONE in the mornings
3 weeks ago	Fluoxetine 20 mg	Take ONE in the mornings
1 month ago	Aspirin 100 mg	Take ONE in the mornings

PHARMACIST'S NOTES

Date	Comment
1 month ago	R M has indicated he is experiencing nocturnal chest pain.

38

R M presents to you with a prescription for glyceryl trinitrate patches 10 mg/24 hr.

What is the **MOST** appropriate regimen for R M for the use and application of glyceryl trinitrate patches?

- A Apply in the morning and leave on 24 hours
- B Apply in the morning and take off at 10 pm
- C Only when pain is experienced and leave on for 2 days
- D Apply in the late afternoon and remove in the morning

39

In an acute angina attack, which ONE of the following is the **MOST** appropriate way to use glyceryl trinitrate sublingual tablets?

- A Dissolve 1 tablet under the tongue and wait 5 min. Call an ambulance if pain persists
- B Dissolve 1/2 to 1 tablet under the tongue and repeat if pain persists. Call an ambulance if 2 repeats over 10 min do not relieve pain
- C Dissolve 1/2 to 1 tablet under the tongue. Call an ambulance if pain is not relieved after 15 min
- D Dissolve 1 tablet under the tongue and repeat every 3 min if pain persists. Call an ambulance if 4 repeats over 15 min do not relieve pain

40

Following the initiation of therapy with fluoxetine in this patient, the maximal anti-depressant effects is **MOST** likely achieved after:

- A 1 week
- B 10 days
- C 4 weeks
- D 12 weeks

41

Along with swelling of the ankles, which ONE of the following side effects is **MOST** commonly observed with amlodipine?

- A Cough
- B Cystitis
- C Chest pain
- D Dizziness

END OF PATIENT PROFILE

Patient Profile

Patient Name	C G	Height	170 cm
Age	21	Weight	75 kg
Sex	Female		
Allergies	Penicillin (anaphylaxis 10 years ago)		

DIAGNOSIS

Presenting Complaint: 1. Pregnant with second child (38 weeks gestation)

Medical History:

1. Recurrent mastitis with previous child
2. Chronic depression

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
------	------	-----------------

MEDICATION RECORD

Date	Medication	Directions for use
Today	Paroxetine 20 mg	Take ONE daily

PHARMACIST NOTES

Date	Comment
	Nil

42

What is the **LEAST** appropriate selective serotonin reuptake inhibitor (SSRI) for the management of depression during pregnancy?

- A Citalopram
- B Paroxetine
- C Sertraline
- D Fluoxetine

43

Due to antidepressant use during pregnancy, there is potential for the onset of selective serotonin reuptake inhibitor (SSRI) withdrawal effects in the newborn.

Which ONE of the following is **LEAST** likely to occur?

- A Drowsiness
- B Tremor
- C Hyperreflexia
- D Difficulty feeding

44

Due to complications of mastitis with her previous child, C G decides not to breastfeed this new baby.

Which ONE of the following is the **MOST** appropriate for the suppression of lactation?

- A Metoclopramide
- B Domperidone
- C Bromocriptine
- D Cabergoline

45

If C G did develop mastitis, which is the **MOST** appropriate antibiotic for treatment?

- A Flucloxacillin
- B Clindamycin
- C Ciprofloxacin
- D Erythromycin

END OF PATIENT PROFILE

46

A female customer has recently given birth and is breastfeeding her baby. Her doctor has prescribed the progesterone only pill and as she has not used this type of pill before, she has a few questions.

Which ONE of the following counselling points would be **MOST** appropriate for her?

- A The drug is not transferred in the milk to the baby
- B When commencing the pill, it is necessary to use an alternative method of contraception for seven days
- C When breastfeeding ceases it will be necessary to change to the combined contraceptive pill
- D It must be taken within 3 hours of the same time each day

47

Which ONE of the following beta-blockers would be **LEAST** likely to cause bronchospasm in a patient who has asthma at normal doses?

- A Carvedilol
- B Labetalol
- C Bisoprolol
- D Propranolol

Patient Profile

Patient Name	P D	Height	180 cm
Age	63	Weight	80 kg
Sex	Male		
Allergies	Nil known		

DIAGNOSIS

Presenting Complaint: 1. Nausea

Medical History:

1. Parkinson's disease
2. Gastroesophageal reflux
3. Gout
4. Insomnia

LAB / DIAGNOSTIC TESTS

Date	Test	Reference Range
------	------	-----------------

MEDICATION RECORD

Date	Medication	Directions for use
1 week ago	Levodopa / Carbidopa 200 mg/50 mg	Take ONE three times a day
1 week ago	Levodopa / Carbidopa 250 mg/25 mg	Take ONE in the mornings
1 week ago	Bromocriptine 5 mg	Take ONE three times a day
1 week ago	Omeprazole 20 mg	Take ONE in the mornings
1 week ago	Allopurinol 300 mg	Take ONE in the mornings
1 week ago	Diazepam 5 mg	Take ONE at night

PHARMACIST'S NOTES

Nil

48

Which ONE of the following is **NOT** a sign of worsening Parkinson's disease?

- A Dysphagia
- B Dyskinesia
- C Myopia
- D Dystonia

49

P D is complaining of vomiting and nausea.

Which ONE of the following is **MOST** likely to be prescribed?

- A Domperidone
- B Prochlorperazine
- C Metoclopramide
- D Ondansetron

50

When converting a patient from standard levodopa/carbidopa formulations to controlled release formulations, which ONE of the following is **INCORRECT**?

- A Current therapy should be continued for the first two days
- B Sustained release preparations have lower oral bioavailability
- C The total daily dose of levodopa usually has to be increased
- D The frequency of dosing with the controlled release formulations is every 8 to 12 hours

END OF PATIENT PROFILE

51

Prochlorperazine is available over the counter as a Pharmacist Only Medicine. It is only approved to be supplied for which ONE of the following symptoms?

- A Nausea associated with gastroenteritis
- B Nausea associated with migraine
- C Nausea associated with motion sickness
- D Nausea associated with pregnancy

52

In the case of the management of vaginal candidiasis by a pharmacist, which ONE of the following does **NOT** warrant referral?

- A Clear vaginal discharge
- B Abdominal pain
- C Fever
- D Diabetes

53

A customer presents with a new script for felodipine 5 mg daily.

Which ONE of the following points should you include in your counselling?

- A A warning regarding consumption patterns of grapefruit juice
- B The tablets may be crushed, if difficult to swallow
- C A warning regarding constipation and the need for a high fibre diet
- D A warning not to take potassium supplements while taking this medication

54

Which ONE of the following statements about ginger is **LEAST** appropriate?

- A Ginger has been used as an antiemetic adjunct to cancer therapy
- B Ginger has traditionally been used for colic
- C Ginger has no known drug interactions
- D Ginger can cause side effects including heartburn, bloating and flatulence

55

Which ONE of the following conditions is **LEAST** likely to be the primary cause of elevated serum creatinine?

- A Diabetic nephropathy
- B Rhabdomyolysis
- C Renal failure
- D Dehydration

56

What is the recommended dose for the treatment of folate deficiency in an adult?

- A 0.1 mg daily
- B 0.5 mg daily
- C 1 mg daily
- D 5 mg daily

57

Which ONE of the following statements regarding doxycycline is **LEAST** appropriate?

- A Offers broad protection against malaria
- B Recommended for use in areas where there is mefloquine or chloroquine resistance
- C Use in patients with low tolerance for mefloquine or chloroquine
- D Dosing can be stopped on leaving an endemic area

58

Which ONE of the following combinations of medications is **LEAST** likely to cause serotonin syndrome?

- A Fluoxetine and dextromethorphan
- B Fluoxetine and lithium
- C Dextromethorphan and phenelzine
- D Dextromethorphan and codeine

59

A patient taking a nonselective monoamine oxidase inhibitor (MAOI) should avoid taking which ONE of the following medicines concurrently?

- A Pseudoephedrine
- B Temazepam
- C Aspirin
- D Paracetamol

60

A person has a recent soft tissue injury and asks for your advice.

Which of the following should you recommend?

- A Rest, heat, compression and elevation
- B Massage, heat, compression and elevation
- C Massage, ice, compression and elevation
- D Rest, ice, compression and elevation

61

Which ONE of the following is **LEAST** likely to cause QT prolongation?

- A Haloperidol
- B Amiodarone
- C Sotalol
- D Azithromycin

62

Annual eye examination for possible retinal toxicity should be conducted for patients receiving long-term use of the following agent?

- A Methotrexate
- B Cyclosporine
- C Mycophenolate mofetil
- D Hydroxychloroquine

63

A vial of insulin currently in use may be stored at up to 25°C without loss of potency for what length of time?

- A 1 hour
- B 1 day
- C 2 weeks
- D 4 weeks

64

Which ONE of the following statements is **CORRECT** with regards to using glyceryl trinitrate spray for the first time?

- A Shake before use and discard 3 months after opening; a maximum of 2 sprays under the tongue should be used over 15 min
- B Prime before use and spray under the tongue; a maximum of 5 sprays should be used over 15 min
- C Prime before use and discard 3 months after opening; a maximum dose of 2 sprays under the tongue should be used over 15 min
- D Prime before use and spray under the tongue; a maximum single dose of 2 sprays should be used and if necessary, another spray in 5 min up to a maximum of 3 sprays

65

Which ONE of the following medications is **BEST** taken half an hour before food?

- A Metformin
- B Flucloxacillin
- C Amoxicillin
- D Felodipine

66

Following a dose of inhaled salmeterol, when is the peak effect expected?

- A Instantaneously
- B After 10 min
- C After 3 to 4 hours
- D After 12 hours

67

Calculate the total dose of alteplase administered for a 50 kg female based on the following dose regimen:

Bolus 15 mg
Infusion 0.75 mg/kg over 30 min then 0.5 mg/kg over 60 min

- A 16.25 mg
- B 62.5 mg
- C 52.5 mg
- D 77.5 mg

68

Which ONE of the following reference texts would be considered to have the **MOST** authority when deciding which medications require labelling with a sedation warning?

- A The Australian Medicines Handbook (AMH)
- B The Australian Pharmaceutical Formulary (APF)
- C The Schedule of Pharmaceutical Benefits (PBS)
- D The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

69

A patient requires a 10-day course of a medicine. The dose of medicine is 250 micrograms once daily on days 1 to 3 and then 125 micrograms once daily on days 4 to 10. The medicine is only available as a 150 microgram dispersible tablet, stable on production for 24 hours.

What is the minimum number of dispersible tablets required for the complete 10-day course?

- A 8
- B 10
- C 13
- D 16

70

When counselling on the use of a topical azoles antifungal cream, you would advise all of the following **EXCEPT**:

- A Fungal infections will be eradicated after 5-7 days
- B It may not be necessary to use the entire tube
- C Apply at regular intervals every day
- D Keep area dry and open to the air

71

Which ONE of the following is considered a common side-effect of the drug perindopril?

- A Photosensitivity
- B Cough
- C Psoriasis
- D Hypokalaemia

72

Which ONE of the following is the **MOST** appropriate anti-platelet treatment following the insertion of a stent?

- A Aspirin plus dabigatran
- B Dabigatran
- C Clopidogrel
- D Clopidogrel plus aspirin

73

Which ONE of the following electrolytes can be affected by high dose inhaled salbutamol?

- A Sodium
- B Potassium
- C Bicarbonate
- D Magnesium

74

Which ONE of the following side effects might you expect in a patient on atorvastatin?

- A Dizziness
- B Hypotension
- C Hair loss
- D Tachycardia

75

Which ONE of the following medications may be taken at night to maximize its concentration in the blood and, or urine?

- A Trimethoprim
- B Atorvastatin
- C Omeprazole
- D Perindopril

END OF THE EXAM

Answer sheet

Question Number	Correct Answer
1	A
2	D
3	B
4	D
5	C
6	A
7	D
8	A
9	D
10	A
11	C
12	B
13	D
14	D
15	C
16	C
17	C
18	D
19	D
20	C
21	D
22	D
23	C
24	D
25	C
26	B
27	A
28	C
29	D
30	D
31	A
32	B
33	A
34	B
35	B
36	A
37	A

Question Number	Correct Answer
38	D
39	B
40	D
41	D
42	B
43	A
44	D
45	B
46	D
47	C
48	C
49	A
50	A
51	B
52	A
53	A
54	C
55	B
56	D
57	D
58	D
59	A
60	D
61	D
62	D
63	D
64	D
65	B
66	C
67	D
68	D
69	C
70	A
71	B
72	D
73	B
74	A
75	A



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