

Preparation for Oriel Assessments Workshop





@propharmace #orielworkshop



ProPharmace
Thriving Through Innovation

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Learning Objectives

- ✓ Identify the types of assessment methods in the Oriel Application process
- ✓ Practice Pharmaceutical Calculations Relevant to the Oriel Assessment
- ✓ Apply knowledge of the Professional Attributes Framework in Situational Judgement Scenarios

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Numeracy

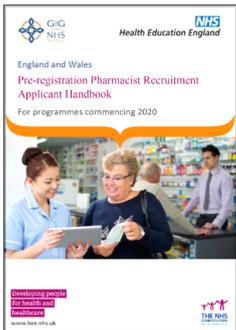


SJT



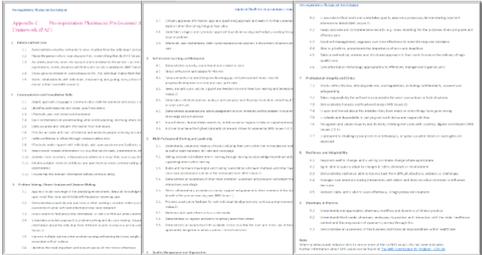
MMI

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Professional Attributes Framework



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Professional Attributes Framework

1. Person-centred care;
2. Multi-professional working and leadership
3. Professional integrity and ethics
4. Problem solving, clinical analysis and decision making
5. Self-directed learning and motivation
6. Communication and consultation skills
7. Quality management and organisation
8. Resilience and adaptability
9. Pharmacy in practice

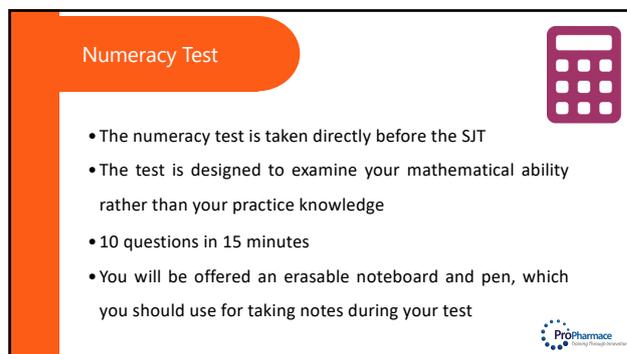
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Numeracy Test



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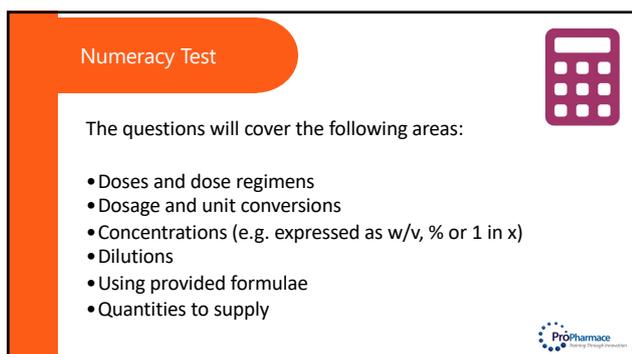
Numeracy Test



- The numeracy test is taken directly before the SJT
- The test is designed to examine your mathematical ability rather than your practice knowledge
- 10 questions in 15 minutes
- You will be offered an erasable noteboard and pen, which you should use for taking notes during your test



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Numeracy Test

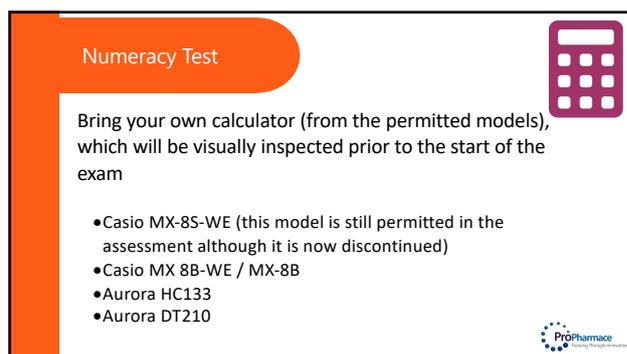


The questions will cover the following areas:

- Doses and dose regimens
- Dosage and unit conversions
- Concentrations (e.g. expressed as w/v, % or 1 in x)
- Dilutions
- Using provided formulae
- Quantities to supply



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Numeracy Test

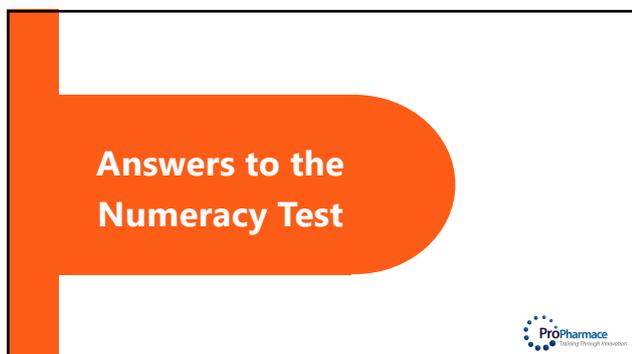


Bring your own calculator (from the permitted models), which will be visually inspected prior to the start of the exam

- Casio MX-8S-WE (this model is still permitted in the assessment although it is now discontinued)
- Casio MX 8B-WE / MX-8B
- Aurora HC133
- Aurora DT210



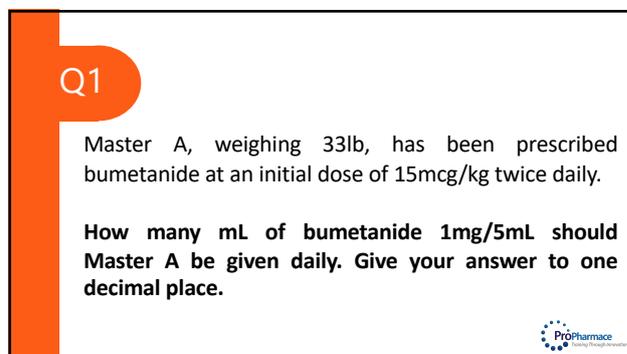
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Answers to the Numeracy Test



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Q1

Master A, weighing 33lb, has been prescribed bumetanide at an initial dose of 15mcg/kg twice daily.

How many mL of bumetanide 1mg/5mL should Master A be given daily. Give your answer to one decimal place.



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Q2

You receive a request for 2% w/w calamine in emulsifying ointment, however you only have the 5% w/w ointment in stock.

How many grams of emulsifying ointment would you need to add to 200g of 5% w/w calamine in emulsifying ointment to produce the concentration required?



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Q3

You receive a request to manufacture a stock solution of magnesium chloride, so that when it is diluted 1 in 1000, it makes a final solution of 0.02%.

How many grams of magnesium chloride is required to make 500ml of the stock solution?



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Q4

A 10-year-old girl presents to A&E with an acute moderately severe asthma attack. The nurse on the ward administers 10 puffs of salbutamol 100 mcg metered dose inhaler via a large volume spacer device every 10 minutes for 20 minutes, then every 20 minutes, for a total of period of 90 minutes.

What is the total dose in milligrams of salbutamol that is administered to this patient during the treatment period?



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Q5

Mr A is a 55 year old man weighing 69kg and has a height 1.7m. He has been prescribed Etoposide for the treatment of testicular cancer at a dose of 220mg/m² daily for four days. The dose is to be repeated 21 days later.

The formula for calculating body surface area is:

$$BSA(m^2) = \sqrt{\frac{HEIGHT(cm) \times WEIGHT(kg)}{3600}}$$

What is the total number of Etoposide 50mg capsules that should be dispensed for Mr A?



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Q6

A stock solution containing 25% w/v of drug A is used to prepare an antiseptic such that when the antiseptic is diluted 1 in 25, a 1 in 500 wash solution is obtained which is ready for use by the patient.

What volume (ml) of the stock solution is required to prepare 5 litres of the antiseptic to fulfil a bulk manufacturing order?



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Q7

Mrs J is prescribed oral prednisolone in a descending dose regimen. She is to take 60 mg once daily, reducing by 10 mg every 2 days until a dose of 10 mg is reached. She is then to take 10 mg for 7 days followed by 5 mg for 7 days and then stop.

How many prednisolone 5 mg tablets would you need to supply to Mrs J to fulfil the full course of treatment?



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Q8

Mrs JK was diagnosed with type 2 diabetes mellitus 2 years ago and she has been stable on metformin 500mg at a dose of ONE tablet FOUR times DAILY. She is going on holiday to the Philippines tomorrow and is requiring a supply to cover her 2-month holiday and for 2 weeks after her return, she has attended the pharmacy to let you know that she currently has 45 tablets that she can use for the holiday.

How many tablets do you need to provide Mrs JK?



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Q9

You are working in a specials manufacturing unit and you are preparing an order of Zinc and Icthammol cream BP for a dermatology clinic. The order is to prepare 150 packs of 27.5g tubes of cream.

The Zinc and Icthammol cream BP formulation contains the following:

- 5% ichtammol
- 3% cetostearyl alcohol
- 10% wool fat in zinc cream

What is the weight, in grams of wool fat, required to prepare the bulk order? Give your answer to two decimal places.



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Q10

A patient on your ward has been prescribed a course of erythromycin 500mg qds for 10 days for a skin infection. The patient has taken 14 doses during their stay in hospital and is now medically fit for discharge.

How many erythromycin 250mg tablets do you need to supply to this patient on discharge so that they can complete the entire course?



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Situational Judgement Test (SJT)



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SJTs



- Measurement methodology designed to assess judgement in work relevant situations
- Designed to assess the professional attributes expected of a Foundation Trainee Pharmacist
- The scenarios have been written by subject matter experts who work closely with Foundation Trainee Pharmacist
- Intended to provide a reflection of what Foundation Trainee Pharmacists encounter in their role



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SJTs

- The SJT will be an online test (undertaken at a Pearson VUE test centre) examining four of the attributes from within the Professional Attributes Framework
- It will consist of **52 scenarios** to be completed in **104 minutes**
- When responding to each scenario you will be asked to place yourself in the role of a Foundation Pharmacist and indicate what you should do in response to the situation presented



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Type 1

Rank five responses in order of appropriateness in response to the scenario
1 = Most appropriate; 5 = Least appropriate

Q 1	A	1	2	3	4	5
	B	1	2	3	4	5
	C	1	2	3	4	5
	D	1	2	3	4	5
	E	1	2	3	4	5



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Rank five responses in order of appropriateness in response to the scenario
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Q 1	A	1	2	3	4	5
	B	1	2	3	4	5
	C	1	2	3	4	5
	D	1	2	3	4	5
	E	1	2	3	4	5



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Type 2

Select the **THREE** most appropriate actions to take in response to the scenario

Q1 A B C D E F G H



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Type 2

Select the **THREE** most appropriate actions to take in response to the scenario

Q1 A B C D E F G H



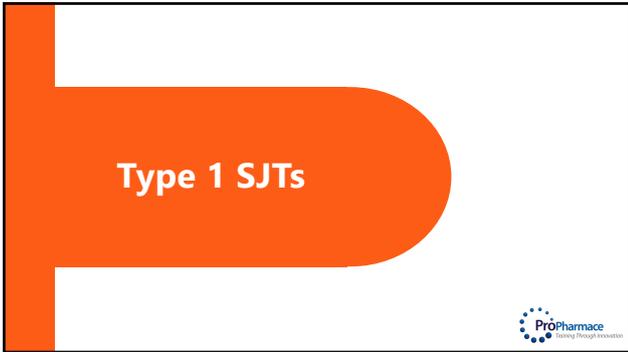
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Let's Practice

Are you Ready?



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Q1

A customer comes into the Pharmacy and shows you a packet of tablets. She tells you that she has found them in her husband's pocket and wants to know what they are for.

- A. Inform the customer what the tablets are for
- B. Refer the customer to the Responsible Pharmacist
- C. Explain to the customer that you cannot discuss another patient's medication
- D. Advise the customer to discuss this with her husband
- E. Reassure the customer that there is nothing to worry about

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Q1

33

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Q2

Your Foundation Trainee colleague whom you work with regularly posts photos of scenarios she finds funny on your Foundation Trainee social group. Some of the photos include patients in the background and parts of prescriptions.

- A. Inform your colleague to refrain from posting material that can breach patient confidentiality and privacy
- B. Report your colleague to the Pharmacy Manager
- C. Report your colleague to the General Pharmaceutical Council
- D. Advise your colleague to read the GPhC guidance on demonstrating professionalism online
- E. Remind your colleague of the need to act professionally

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Q3

Your Foundation trainee colleague is due to have a performance review next week. As he has a few performance standards which he does not have evidence for, he informs you that he has decided to fabricate the evidence so that his tutor can sign him off.

- A. Report your colleague to the General Pharmaceutical Council
- B. Inform your supervisor of what your colleague is planning to do
- C. Advise your colleague to ask for extra time to complete his evidence logs.
- D. Inform your colleague that what he plans to do is unethical
- E. Advise your colleague on possible scenarios for completing his Performance Standards without fabricating the evidence

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Q4

Mrs A, a patient at your pharmacy, contacts the pharmacy to inform you that she has collected her medication but is concerned as the tablets are white and they are normally yellow. Mrs A informs you that she is unable to come to the pharmacy to pick up the correct tablets as she is in a lot of pain due to a frozen shoulder. You check her prescription and notice that the tablets she should have are Diazepam 5mg which are yellow, but realise that Diazepam 2mg was dispensed.

- A. Inform Mrs A that she would need to come to the pharmacy to pick up the correct medication
- B. Apologise to Mrs A. Inform her that you will arrange for the delivery driver to deliver the correct tablets and pick up the incorrect ones as soon as possible
- C. Inform Mrs A of your complaints procedure
- D. Ask Mrs A if she can send someone to bring the incorrect medication and pick up the correct one
- E. Ask the pharmacist who made the error to complete an incident error log

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Q5

Mrs M comes into the pharmacy with a medication she picked up earlier for her 9 year old son who has been diagnosed with Asthma. She informs you that she is not happy about giving her son the medication as in the side effects it states that it may affect his growth.

- A. Tell Mrs M that she should follow the doctor's advice
- B. Offer to explain more about the side-effects
- C. Inform Mrs M that that she is overreacting
- D. Advise Mrs M to explain her concerns to the GP
- E. Advise Mrs M that taking a regular lower dose of steroids in a preventer inhaler to manage symptoms well can lower your child's risk of a potentially life-threatening asthma attack



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Q6

One of your colleagues, who is also a Foundation Trainee, confides in you that she and another trainee, whom you also know, worked together to cover up evidence of a mistake they had made.

- A. Report both trainees to the GPhC for covering up evidence. They are putting patients' health and safety at risk by doing so
- B. Speak to the other trainee about if what you have learned is true and advise accordingly.
- C. Report both trainees to the Chief Pharmacist
- D. Inform your Supervisor about what the trainees have done
- E. Advise your colleague that she and the other trainee should tell the pharmacist about the mistake and record this in the error log.

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Q7

You are conducting a final check on a prescription and find an error. The error was made by the technician. You ask her to enter this in the error log. In accordance with standard operating procedures all errors should be logged, however she informs you that she does not want to as she has already logged 3 errors.

- A. Do not log the error
- B. Encourage the technician to discuss the error with her manager
- C. Discuss the incident with your supervisor at your next progress review
- D. Speak to the manager about the technician's decision not to log the error
- E. Remind the technician that this is a standard operating procedure and all errors should be logged



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Q8

You are working in pharmacy and you are entitled to 1 hour of study time a day. Whilst taking your study hour in the dispensary you notice that the several patients are waiting for prescriptions and you are aware that you are short staffed and the technician is taking her break

- A. Move to a quieter area to study
- B. Stop your study time and help in the dispensary
- C. Ask your supervisor about whether they would like you to help out in the dispensary
- D. Contact the technician and ask her to come back from break
- E. Monitor the situation and carry on studying



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Q9

You are a Foundation Trainee completing your Cardiology ward rotation. Whilst completing your medication reconciliation for Mrs T, a new patient admitted to the ward, you notice that the patient does not speak English, and is unable to communicate with you to confirm which medication she takes. She has no family by her bedside, however her daughters number is listed in the patient notes.

- A. Ask the pharmacist on the ward for help with the reconciliation.
- B. Contact Mrs T's pharmacy to identify which medication she takes.
- C. Contact Mrs T's daughter to identify which medication she takes.
- D. Ask for the hospital translator to be sent up to the ward to allow you to speak to the patient.
- E. Use the google translate function on your phone to help you communicate with the patient



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Q10

You are a Foundation Trainee completing your hospital rotation. Whilst working on the wards you saw a patient who needed to have critical medication ordered. You set a draft order to be reviewed by the pharmacist on the ward before sending it through to the pharmacy. At 6pm, on your way home, you realise you forgot to ask the pharmacist to review the medication, and so the patient may have not received their dose for today.

- A. Reassure yourself that the nurses will be able to take the medication from the Emergency drug cupboard if necessary.
- B. Inform the pharmacist first thing the next morning to ensure no more doses are missed.
- C. Contact the on call pharmacist to identify if they can authorise the order you set up.
- D. Return to the hospital to order the medication.
- E. Call the ward to identify if the order was authorised.



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Type 2 SJTs



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Q1

You are preparing the Methadone dispensing for your patients, and whilst doing so you check the balance and notice that the 500ml bottle of Methadone Syrup that was placed in the CD cabinet yesterday was not entered in the CD register. You are aware that the Responsible Pharmacist yesterday was a locum pharmacist.

Choose the **THREE** most appropriate actions to take in this situation

- A. Contact the Locum Pharmacist and inform him of the missed entry
- B. Log the error in the incident book
- C. Inform the pharmacy manager of the missed entry
- D. Enter the Methadone in the CD register.
- E. Report the Pharmacist to the General Pharmaceutical Council
- F. Contact the locum pharmacist and ask him to come in to complete the entry
- G. Discuss the incident at your next meeting with your pre-registration tutor
- H. Contact the locum agency that sent the locum and inform them that they should not employ him

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Q2

A patient brings in a prescription on a busy Friday Afternoon for some antibiotics and she appears to be in a hurry. On handing in the prescription you inform her that the waiting time for the prescription is 20 minutes. Other patients are also waiting in the Pharmacy. The patient starts shouting and demands that her prescription is dispensed quickly as she is parked on a double yellow line and does not want to get a fine.

Choose the **THREE** most appropriate actions to take in this situation

- A. Tell the patient that you are unable to dispense her prescription before the other patients and that it will have to go in the waiting pile.
- B. Inform the patient to take her prescription to another pharmacy if she is not happy with the waiting time
- C. Speak to some of the other patients and gain their approval to dispense her prescription before theirs
- D. Refer Mrs M to the pharmacist to speak to him about the situation
- E. Offer Mrs M that she can leave the prescription and that you can arrange for a delivery to her home in the next 3 hours.
- F. Ask Mrs M if she would like to leave her prescription and come back for it or send a family member to collect it at a later time
- G. Ask Mrs M to leave the pharmacy as she is upsetting other patients
- H. Provide Mrs M with your pharmacy complaints procedure



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Q3

You receive a call from the local GP surgery receptionist. She is angry that the pharmacy assistant at your pharmacy has signposted a patient to her for booking an appointment for an eye infection when she could have purchased medication over the counter and demands an explanation. On trying to find out more she tells you that you and your team are useless.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Speak to your supervisor about the situation
- B. Let the receptionist know that her statement is inappropriate and that you will find out more
- C. Find out why your pharmacy assistant referred the patient
- D. Apologise to the receptionist and let her know you will find out more
- E. Complain to the GP practice manager about her receptionists' unprofessionalism
- F. Inform her that she is useless and shut the phone
- G. Discuss the incident with your team and inform them that they should avoid her in future
- H. Pass the phone to your supervisor



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Q4

You are responsible for supervising John, a Pharmacy undergraduate student, during a ward visit at your hospital. The Infection Control Policy states clearly that staff must be bare below the elbow in clinical areas but John is wearing a jacket which covers his arms fully. You make John aware of the policy before entering a ward, but he refuses to remove his jacket.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Explore John's reasons for refusing to remove his jacket
- B. Tell John that you will not allow him to come with you onto the ward if he does not remove his jacket
- C. Explain the importance of infection control procedures
- D. Ask John to wait at the entrance to the ward until you return
- E. Seek advice from the ward pharmacist
- F. Inform the University about John's failure to comply with hospital policy
- G. Ask another trainee pharmacist in your team to supervise John for the rest of the day
- H. Contact the Infection Control team in the hospital for advice

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Q5

A 17-year-old teenager has recently been prescribed Microgynon 30 tablets by the gynaecologist. She comes into your pharmacy to collect her prescription but informs you that she does not want to take this new medication as she is aware that the medication is a contraceptive pill and has heard from her friends that it can cause side-effects.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Advise the patient that there are no side effects when taken correctly
- B. Advise the patient that her friends are incorrect
- C. Advise the patient of the potential consequences of her decision
- D. Explain to the patient although the medication has potential side effects she may not experience them
- E. Do not interfere with the patient's choice as she has the capacity to undertake her own decisions with regards to her treatment
- F. Contact her doctor and explain what the patient is intending to do
- G. Make a detailed record of her refusal to take the medication in the PMR
- H. Ask the patient to go back to their gynaecologist for an alternative medication with no side-effects

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Q6

You are working at a busy pharmacy in a large store. A patient hands you a hand-written prescription for diazepam 10mg tablets and says they will wait while you dispense the medication. You suspect that this prescription could be forged. Upon investigating further, you find that the doctors name and registration number cannot be found on the list of registered medical practitioners.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Inform the patient you cannot dispense the prescription
- B. Claim a Reward Payment for identifying a forged prescription
- C. Record all the details, including a description of the person, as well as the date and time
- D. Contact the police and ask them to attend immediately
- E. Ask for a member of the security staff to come to the pharmacy
- F. Make a record of the incident
- G. Approach the patient and inform them you know this is a forged prescription
- H. Contact NHS England to circulate details of the incident

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Q7

You are handed a prescription for an oral contraceptive and begin dispensing the medication. When you give the medicine to the locum pharmacist on shift to check, he expresses that his personal beliefs do not allow him to be involved in the supply of this product. He tells you to tell the patient to go somewhere else.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Tell the locum pharmacist that they should not work at this pharmacy again
- B. Explain to the patient that the pharmacist working today is unable to supply the medicine but that they can come tomorrow when the regular pharmacist returns
- C. Ask the patient if they are able to commute to the next closest pharmacy to collect their medicine
- D. Apologise and inform the patient that the pharmacist does not agree with the use of contraceptives and has refused to provide this service. Reassure them that you do not share his views but that he is the only pharmacist currently available.
- E. Look to see if there are any Sexual Health clinics close-by where they can collect their contraceptives
- F. Finish dispensing the medication, and ask the ACT to give the medication to the patient.
- G. Call the pharmacy owner and complain to him that this locum has just refused to dispense a prescription
- H. Inform the Pharmacist that they are acting unprofessionally and that he should reconsider his decision

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Q8

You are a Trainee pharmacist working in the inpatient pharmacy. You are asked to deliver an urgent medication up to the ward. On your way up a patient bumps into you and you drop the medication bag on the floor, and you hear a crack. You are aware that the bag contained glass ampoules.

A. Deliver the medication. If it is damaged the ward can contact the pharmacy for another prescription.

- B. Check the bag to ensure the ampoules did not break.
- C. Ask the person who bumped into you to be more careful next time.
- D. Return the medication to the pharmacy and dispose of its contents
- E. Contact the ward to inform them the medication needs to be re-dispensed, and so there may be a delay.
- F. Deliver the medication and apologise to the patient
- G. Log the incident in the accident book
- H. Rush back to the pharmacy and re-dispense the medication but there's no need to inform the ward.

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Q9

You are completing a split sector placement in community pharmacy and General practice, whilst in your general practice placement one of your Foundation Pharmacist colleagues starts crying. He informs you that he is not coping with the pressure and that his GP placement supervisor is giving him too many tasks to complete and therefore he is unable to cope with the workload.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Suggest to your colleague to take some annual leave until he feels better
- B. Suggest to your colleague to obtain a sick note from his GP
- C. Advise your colleague that they should speak to their supervisor and explain how they are feeling
- D. Offer to assist your colleague with completing their daily tasks
- E. Inform the other trainees in the team to assist with his workload
- F. Inform your colleagues supervisor that he is not coping with his placement.
- G. Offer to go with your colleague to speak to his supervisor
- H. Suggest to your colleague to discuss the situation with his supervisor from the community placement

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Q10

You are working in a community pharmacy and a patient requests to purchase an over the counter medication. Upon questioning you find out that she is on other medication and that it would be contraindicated due to an interaction. After explaining this to the patient she informs you that she wants to purchase it for her partner.

Choose the **THREE** most appropriate actions to take in this situation.

- A. Ask the patient why her partner requires the medicine
- B. Refuse to make the sale
- C. Inform her that her partner should come to the pharmacy to buy the medicine
- D. Ask the pharmacist on duty for advice
- E. Explain to the patient why she should not take the medication and the consequences
- F. Look up more information about the contraindication
- G. Ask the patient if she intends to take the contraindicated medicine
- H. Make the sale without any further questioning

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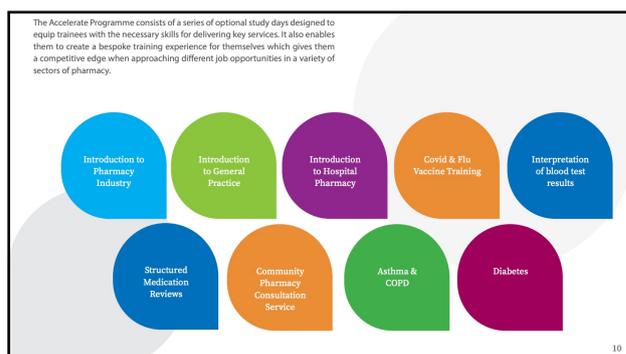
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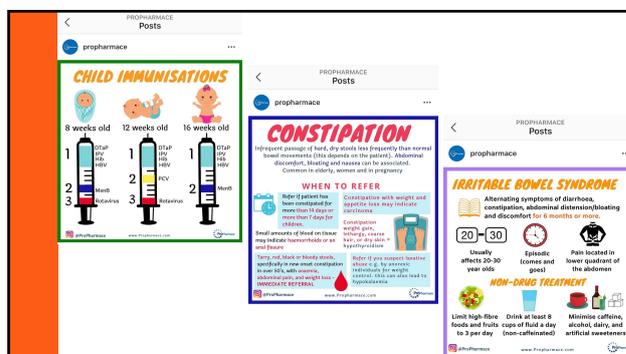
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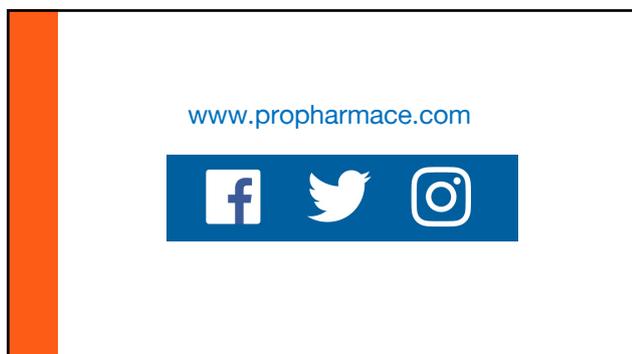
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