# تم تحميل هذا الملف من موقع المناهج الإماراتية





# حل مذكرة مراجعة امتحانية وفق الهيكل الوزاري المسار العام

موقع المناهج ← المناهج الإماراتية ← الصف الثاني عشر ← علوم صحية ← الفصل الثالث ← الملف

تاريخ إضافة الملف على موقع المناهج: 09:22:55 2024-05-30

اعداد: Ghareeb Taleb Maitha

# التواصل الاجتماعي بحسب الصف الثاني عشر









اضغط هنا للحصول على جميع روابط "الصف الثاني عشر"

## روابط مواد الصف الثاني عشر على تلغرام

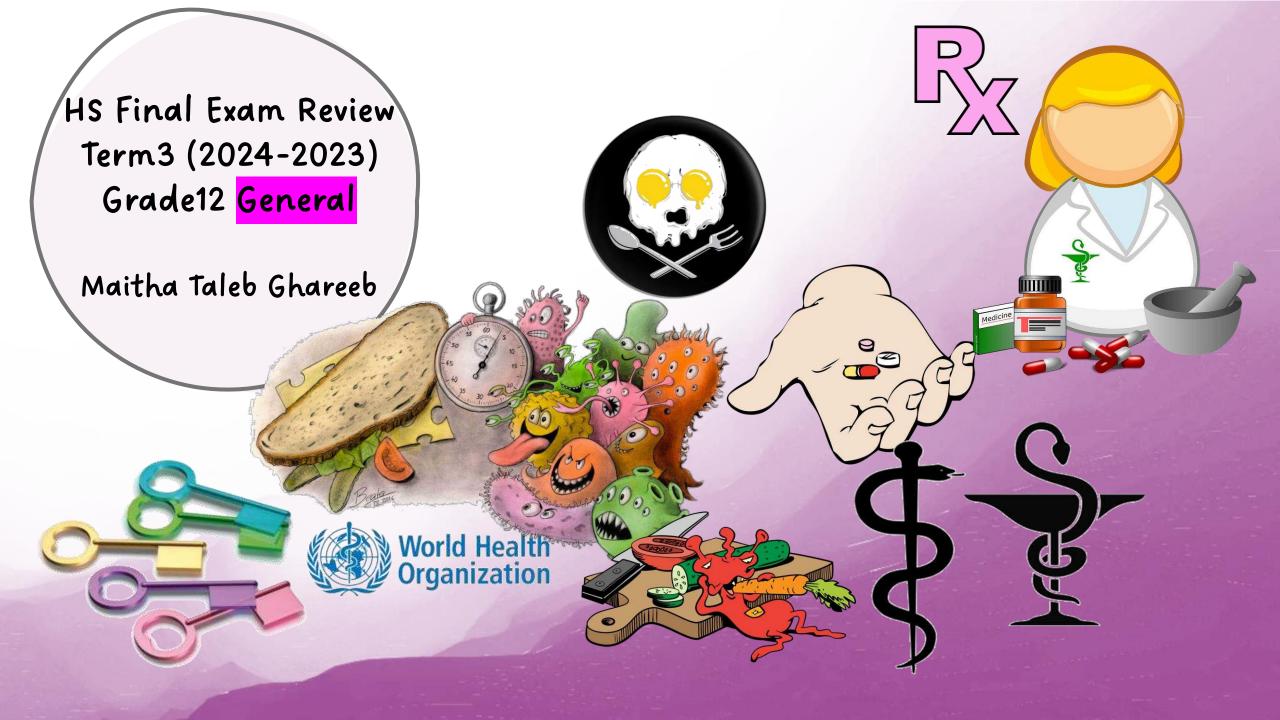
<u>الرياضيات</u>

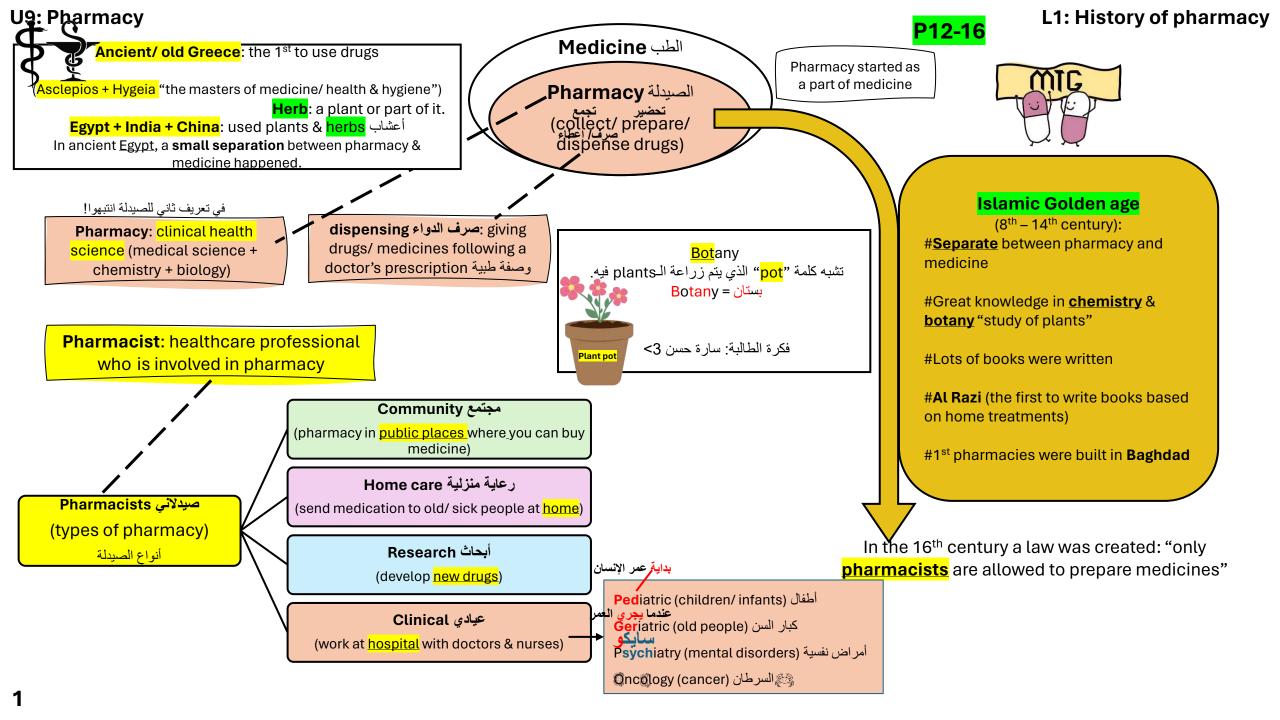
اللغة الانجليزية

اللغة العربية

التربية الاسلامية

| المزيد من الملفات بحسب الصف الثاني عشر والمادة علوم صحية في الفصل الثالث |   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| حل مراجعة نهائية وفق الهيكل الوزاري المسار المتقدم                       | 1 |  |  |  |  |  |
| حل وشرح مراجعة نهائية المسار المتقدم                                     | 2 |  |  |  |  |  |
| مراجعة امتحانية اختيار من متعدد نموذج ثالث                               | 3 |  |  |  |  |  |
| مراجعة امتحانية اختيار من متعدد نموذج ثاني                               | 4 |  |  |  |  |  |
| مراجعة امتحانية اختيار من متعدد نموذج أول                                | 5 |  |  |  |  |  |





L2: Pharmacology



**P22** 

# PHARMACY

1) Collect drugs

2) Prepare (making medicine)

3) dispense medicine

### <u>drugs</u> = ingre<u>d</u>ients

- ✓ Drugs are chemical substances taken from:
- Plants (herbs)
- Animals
- Microorganisms
- Minerals
- ✓ They are NOT used directly as a treatment.

- **Excipients** are used to prepare medicines.
- ✓ Helps to:
  - Formulate
  - Protect
  - Support
  - Make medicines safe to use
- Most medicines have excipients added to them.

- **Medicines** are <u>directly used</u> as a treatment.
- ✓ They are the result of mixing. a drug or drugs, sometimes with or without excipient.

المادة غير الفعالة في الدواء ويتم خلطها مع المادة الفعالة لجعل الدواء سهل وآمن في

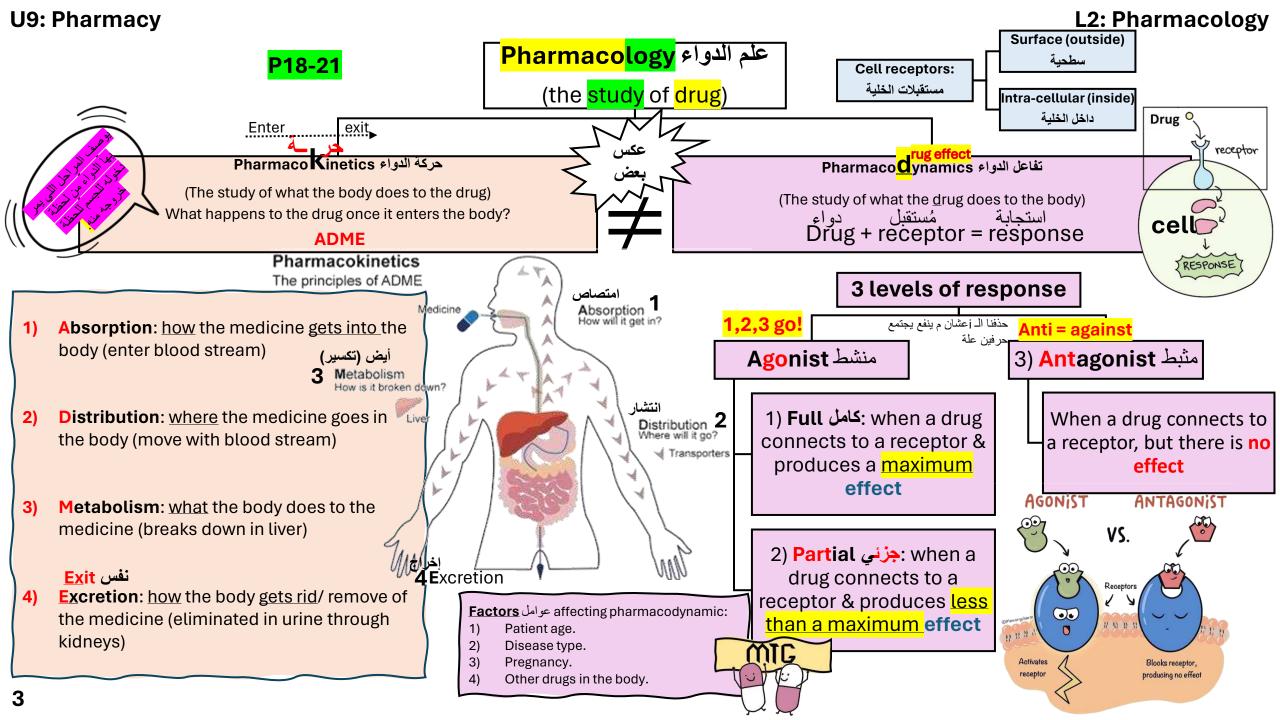
(مثال: البودرة اللي في الكبسولة)

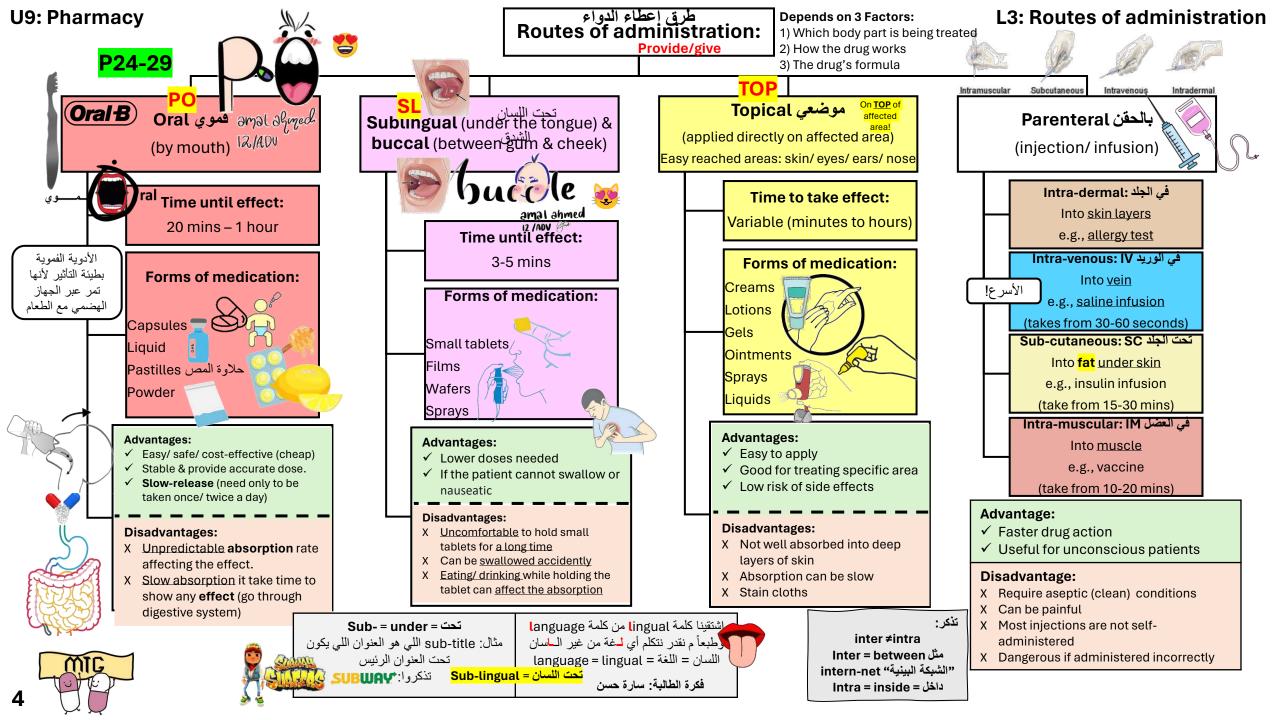
المادة الفعالة في الدواء

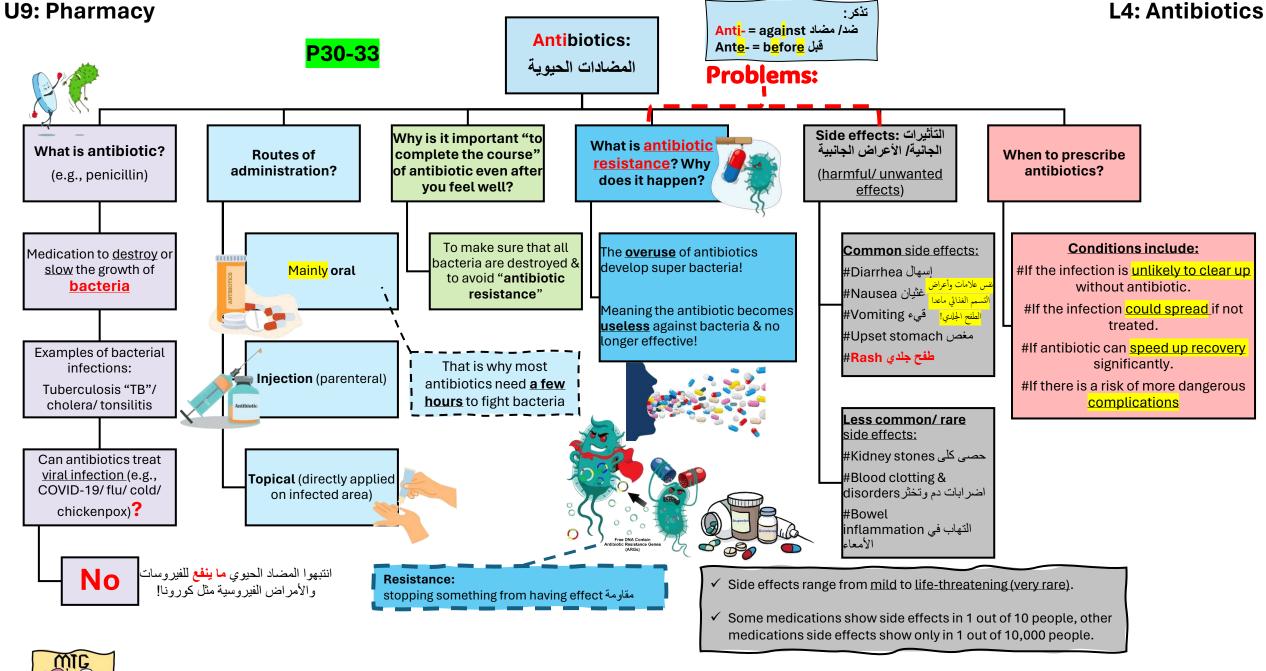
cipient(with/without) = medicine

Ready to be used!

الدواء جاهز للعلاج والاستخدام المباشر







**U9: Pharmacy** 

#### L5: Latin abbreviations in pharmacy

حرعة أقل من المطلوب Under-dose جرعة زائدة Over-dose Take medication less than #Take medication more than the recommended amount recommended or prescribed #Overdosing is very toxic & can lead to death

Why is it importance to interpret abbreviations correctly? Ensure patient's safety & avoid medication errors (underdose or overdose)



as desired/

wanted

#### **Abbreviations:**

اختصار ات

#### Example: "Rx Captopril 25mg, i, SL, STAT, high BP"

"Prescription: Captopril 25 milligram, one tablet, sublingual, give now. This medication is being administered because the patient has high blood pressure"

### **Measurements:**

قياسات

kg = kilogram

g = gram

**mg** = <u>m</u>illigram

mcg = microgram

ml = milliliter

ملعقة صغيرة (5ml) tsp = teaspoon

Routes of administration:

طرق إعطاء الدواء

**IM** = Intra-muscular

**IV** = Intra-venous (vein)

**PO** = By mouth (O = oral)

**SC** = Sub-cutaneous

**SL** = Sub-lingual

**TOP** = Topical

Others:

أرقام رومانية

**Dr**. = doctor

XR = X - ray

 $\mathbf{S}\mathbf{x} = \mathbf{s}\mathbf{y}\mathbf{m}\mathbf{p}\mathbf{t}\mathbf{o}\mathbf{m}$ 

**Dx** = <u>d</u>iagnosis تخص المرض

Tx = treatment

FBC = full blood count

 $BP = \underline{b}lood \underline{p}ressure$ 

**Roman numbers:** 

Latin:

مصطلحات واختصارات لاتينية

الوصفة :Prescription

| i | ii | iii | ŀ |
|---|----|-----|---|
| I | II | III |   |
| 1 | 2  | 3   |   |
|   |    |     | ł |

start now!

| Abbreviation           | Latin  | Meaning                               |
|------------------------|--|---------------------------------------|
| Rx                     | praescriptus   | وصفة prescription                     |
| ac                     | ante cibum   | before meal                           |
| рс                     | post cibum   | after meal                            |
| hor تشبه hour تشبه     | Somni تشبه الكلمة ساعة النوم a<br>بية "سِنّة" بمعنى "نوم<br>بية "سِنّة" بمعنى "نوم | at bedtime                            |
| stat                   | statim انتبهو ا  | give now                              |
| bid                    | bis in die die   | <b>twice</b> a <mark>day</mark>       |
| tid                    | ter in <mark>die معناتها</mark>  | <b>three</b> times a <mark>day</mark> |
| qid                    | quarter <mark>die</mark> sumendus  | <b>four</b> times a <mark>day</mark>  |
| عند الحاجة pr <u>n</u> | pro re <u>n</u> ata  | as <u>n</u> eeded                     |
|                        |  |                                       |

ad libitum

#### Rx:

أيام أول كانوا يستخدموا كلمة "Recipe" وبعدین تغیرت لـ prescription بس الاختصار م تغير

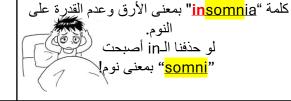
كلمة "cibum" تشبه كلمة "سينابون"

فكرة الطالبة: غزلان خلفان

وجبة = cibum = meal

المثلث عنده ثلاث

زوايا





quarter (25¢ التساسات الربع له علاقة بالرقم 4 quad-=4



عند الرغبة ad

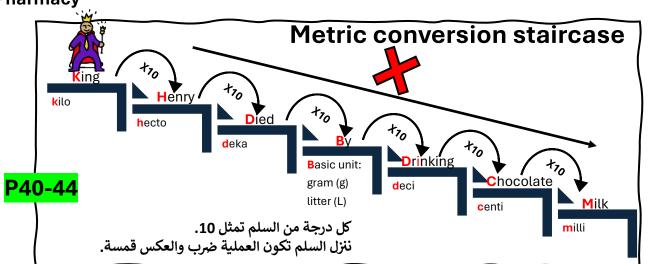


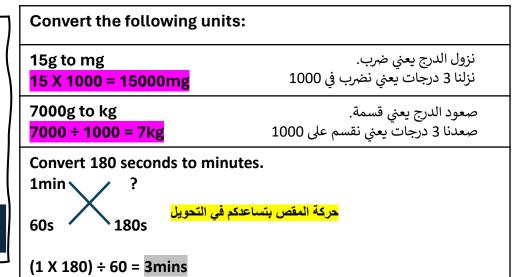
Prefix tri-:

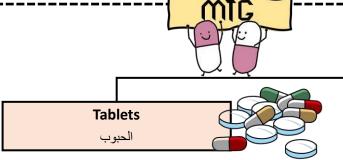
<u>tri</u>angle











Example: The doctor prescribed 500mg of a drug that is available in a stock strength of 100mg. Calculate how many tablets are needed using the basic formula.

Prescribed dose ÷ stock strength = number of tablets needed

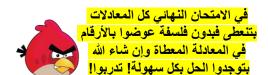
500mg ÷ 100mg = 5 tablets



Example: The doctor prescribed a 500mg dose of solution. It is available in a strength of 250mg/5ml. How much solution is needed?

Desired dose ÷ stock strength X stock volume = amount of solution

 $500mg \div 250mg \ X \ 5ml = 10ml$ 



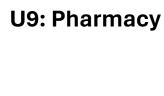


IV rate (ml/hr) المعدل/ السرعة اللي ينزل بها المحلول الوريدي

Example: The doctor prescribed 120ml of IV liquid medicine over a period of 3 hours. How much liquid is administered per hour?

Total IV volume (ml)÷time (hours)=quantity administered per hour (ml)

 $120ml \div 3hrs. = 40 ml/hr.$ 



### P46-50

Safety measures إجراءات الأمن والسلامة

### L7: Safety measures in pharmacy

Measure =
Procedure =
Action

# The 5Cs of effective communication التواصل الفعّال:

- 1) Clear "exact" واضع
- 2) Cohesive "make sense" متماسك
- 3) Complete "all the info." كامل
- 4) Concrete "specific" محدد
- مختصر "Concise "direct & brief" مختصر

Medication error الخطأ الدوائي: is when the patient takes the <u>wrong medication</u> at the <u>wrong time</u> or <u>wrong dose</u> (over/under dose)

الخطأ الدوائي يمكن يحدث بسبب أخذ:

دواء خطأ

في التوقيت الخطأ

3) خطأ في الجرعة "الكمية"

عشان نتلافى الخطأ الدوائي لابد من التواصل الفعال والحقوق الستة المذكورة.

#### التواصل :Effective communication (5Cs) الفعّال

#Ensure patient's safety

#Avoid drug/ medication error (follow the 6 rights)

#Better <u>treatment</u>

#Build good relationship with the patient

#### The <mark>6 rights الحقوق السنة</mark> of drug administration:

- 1) **Right drug:** choose correct drug, errors can happen if the two drugs have a similar name.
- 2) **The right patient**: the caregiver should double-check the patient's name and DOB on the label.
- 3) **Right dosage:** administer the exact amount directed by the doctor.
- 4) **Right route of administration:** the medication should only be given by the route it was prescribed.
- 5) **Right time:** correct time, thirty minutes before or after is acceptable.
- 6) **Right documentation:** when you give medication, you should make a record.

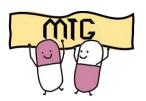
#### Record:

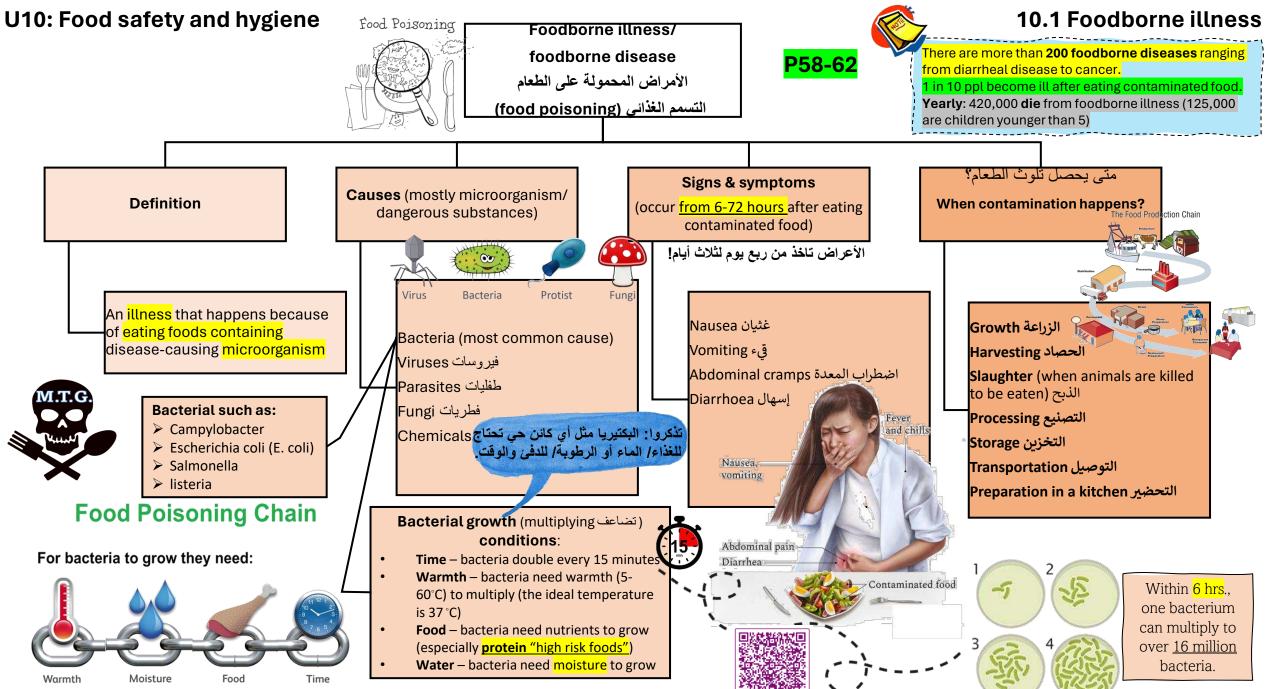
- ✓ When (time)
- ✓ What (medication/ dose/ route)
- ✓ Any side effects

#### **@Store** all medication <u>out of reach</u> of children

Storing medication: تخزين الأدوية

- @Vitamins, creams, eye drops & hand sanitizers are considered medication
- @**Close** medicine <u>caps tightly</u> & put them away after each use
- @<u>Check the date</u> & dispose expired medications properly
- @Becareful in places you visit with a child





**P61** 

It is recommended to

cook your food to 70°C

to kill/ destroy all

bacteria

- The temperature danger zone is between 5°C and 60°C, when it is easiest for harmful bacteria to grow in food
- Minimise the time that food spends at these temperatures in order to keep food safe
- Refrigerated food needs to be kept at 5°C or below
- Hot food needs to be kept at 60°C or above

Bacteria in refrigerated or frozen foods will become active again when brought to room temperature. These foods must be cooked properly to kill any harmful

Hot food zone

60°C

Bacteria grow

5°C

The fridge slows down/ reduce bacterial growth

Bacteria don't grow

-10°C

The freezer stops bacterial growth

# **Temperature** danger zone

Cold food zone

Frozen food zone

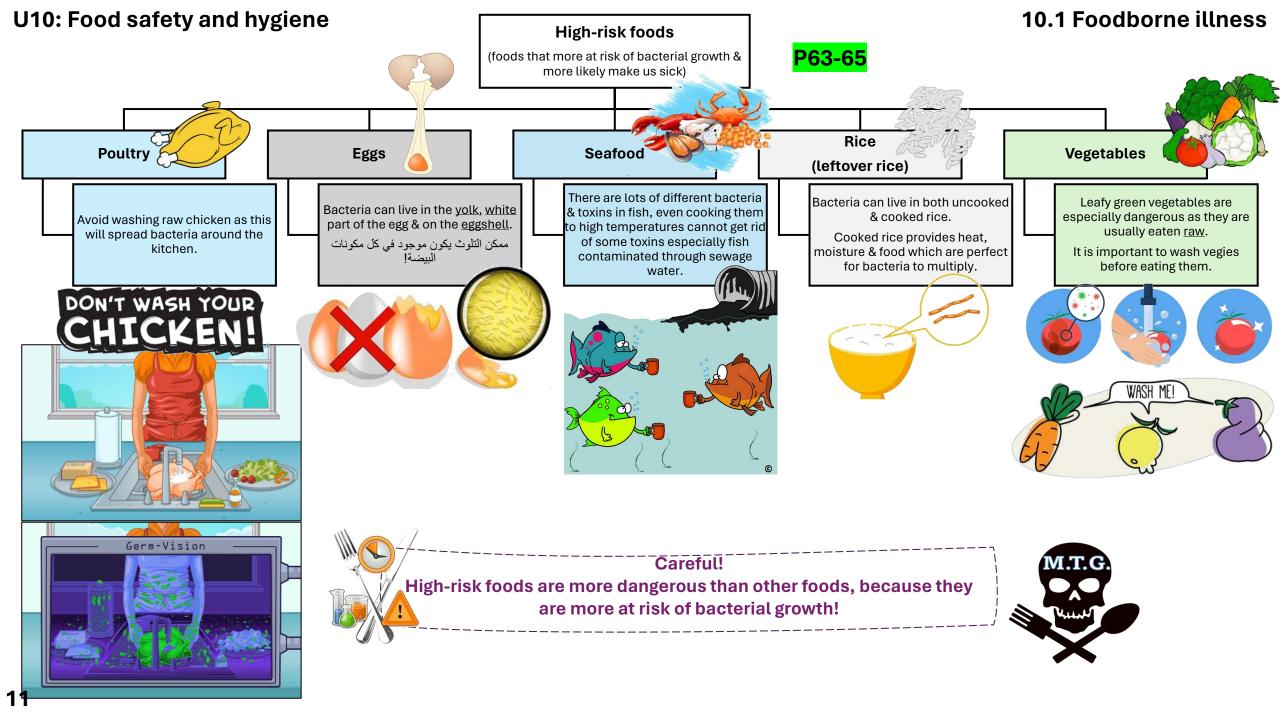
100°C

(the ideal temperature is 37°C)

quickly

Bacteria are

destroyed



### U10: Food safety and hygiene

**Cross-contamination** انتقال/ عبور التلوث

P66-67



Definition

How bacteria can spread & contaminate safe food.

It happens when <mark>bacteria</mark> from an object, a food or a person touch safe food (3 types)

It also can refer to allergen touch safe food making it dangerous for allergic people!

cross contaminate

Contaminated food: when a harmful or unwanted substance such as bacteria gets into food. X Eating contaminated food cause foodborne illnesses which may lead to other complications

### 1) Equipment-to-food

Most common type of cross contamination.

Happens when germs transfer from dirty equipment to food like:

#countertops

**Types** 

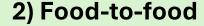
#cutting boards

#utensils (knives & forks)

#storage containers

#factory equipment

It is important to properly wash equipment using soap and hot water.



Can happen if raw food touch clean food, or if the juices from raw food drips into other food, either in the fridge, shopping cart or while preparing food.

e.g., adding unwashed, contaminated lettuce to a fresh salad can contaminate the other ingredients

## 3) People-to-food

Happens when bacteria transfer from a person's body or cloths to clean food.

A person could cough into their hand and continue to prepare a meal without washing their hands

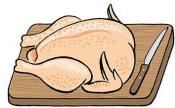


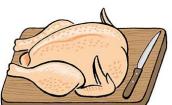














U10: Food safety and hygiene

### Prevent cross contamination

Use the correct colour coded chopping boards and knives

Raw meats and poultry only

Raw fish and shellfish only

Raw unwashed vegetables, salads and fruits only

> Ready to eat and cooked foods only

Washed vegetables, salads and fruits only

Bakery and dairy products only

Food hygiene act 1996





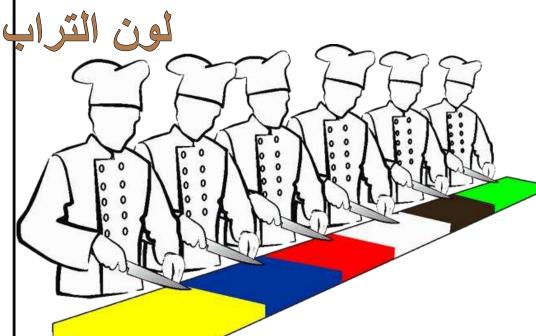








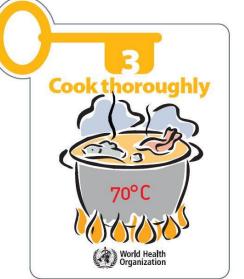




5 keys for food safety





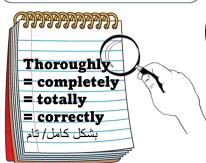






Cleaning: the process of removing dirt & crumbs of food.

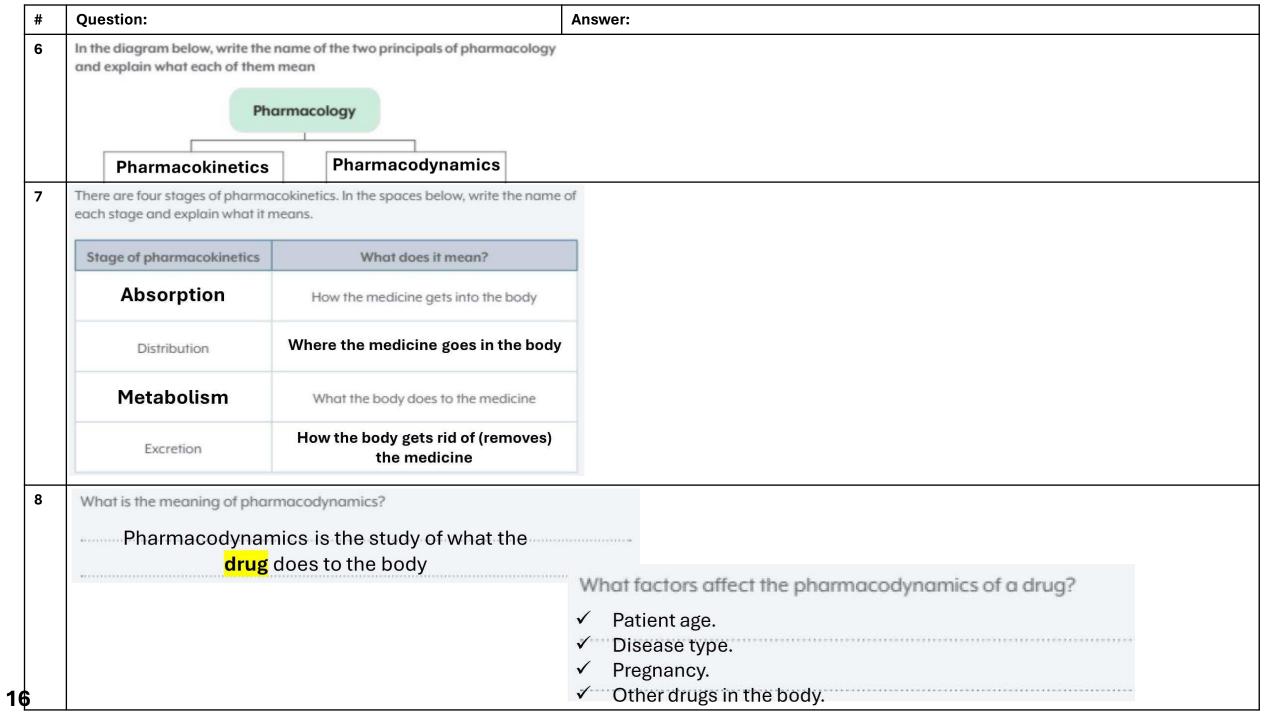
Sanitizing: the process of killing germs/ disinfecting.

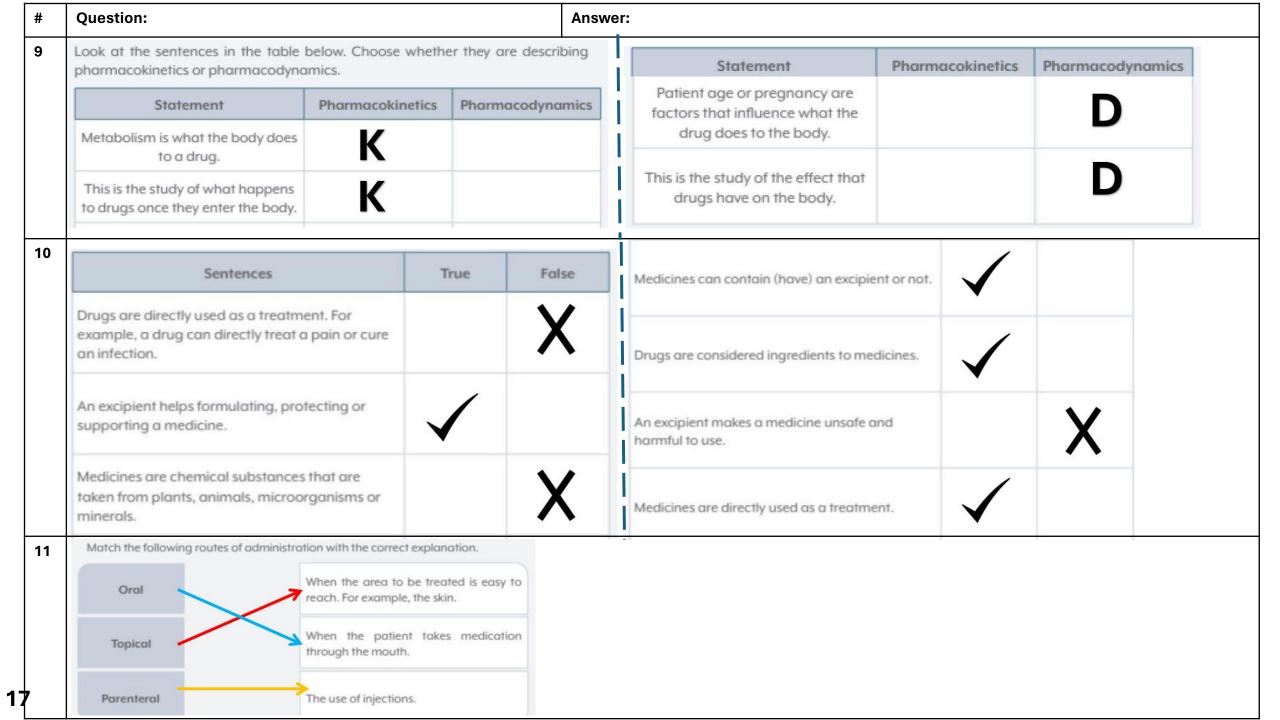


تذكروا: الأكل المطبوخ يخزن في الرف العلوي والأكل النيء واللحوم تحت عشان نمنع انتقال الجراثيم. Cooked food should be kept above raw food to avoid cross-contamination!

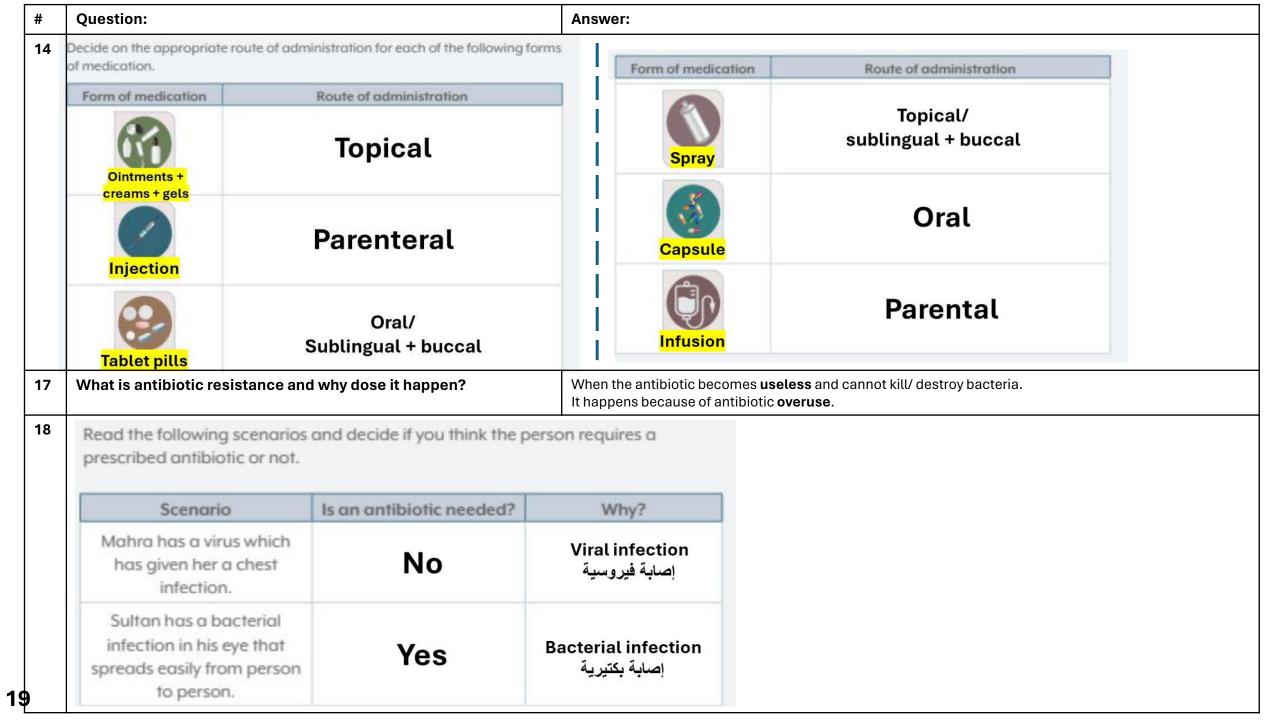


| • | Question:  |   |              |           | Answer:  |   |           |
|---|--|---|--------------|-----------|--|---|-----------|
|   | What is the definition of                                | he definition of pharmacy?  The science of collecting, preparing and dispensing drugs |              |           |  |   |           |
|   | Pharmacy is the clinica sciences?                        | al science that combir  | nes which t  | hree      | 1) Medical sciences 2) Chemistry 3) Biology  |   |           |
|   |  |   | True         | False     |  |   |           |
|   | Pharmacy is the science of dispensing drugs.             | f collecting, preparing and   | 0            | 0         |  |   |           |
|   | Pharmacy is a very modern exist since a very long time   |   |              | <b>Ø</b>  |  |   |           |
|   | Ancient (old) Greeks were person using a drug.           | the first ones to treat a   | 0            | 0         |  |   |           |
|   | During the Islamic Golden pharmacy and medicine ha       |   | en 🥥         | 0         |  |   |           |
|   | Pharmacists are healthcare preparing, using, storing are |   | in           | 0         |  |   |           |
| ļ | What are the four types                                  | s of pharmacy you stu   | died in this | unit?     | <ol> <li>Community pha</li> <li>Clinical pharma</li> <li>Research pharma</li> <li>Homecare pharma</li> </ol> | acy<br>nacy   |           |
|   | The first table below h                                  | nas four different typ  | es of phan   | macy. Rec | d the sentences in   |   | _         |
|   | the second table and                                     | decide which one des  | cribes eac   | h type of | pharmacy.  | These pharmacists develop new drugs.  | Research  |
|   | community  | community clinical home care  |              | research  | These pharmacists work in a pharmacy where you would go to buy medicines.                                    | Community   |           |
|   |  |   |              |           |  | These pharmacists work in hospitals with doctors and nurses.                                      | Clinical  |
|   |  |   |              |           |  | These pharmacists are responsible for preparing and sending medication to people who are at home. | Home care |

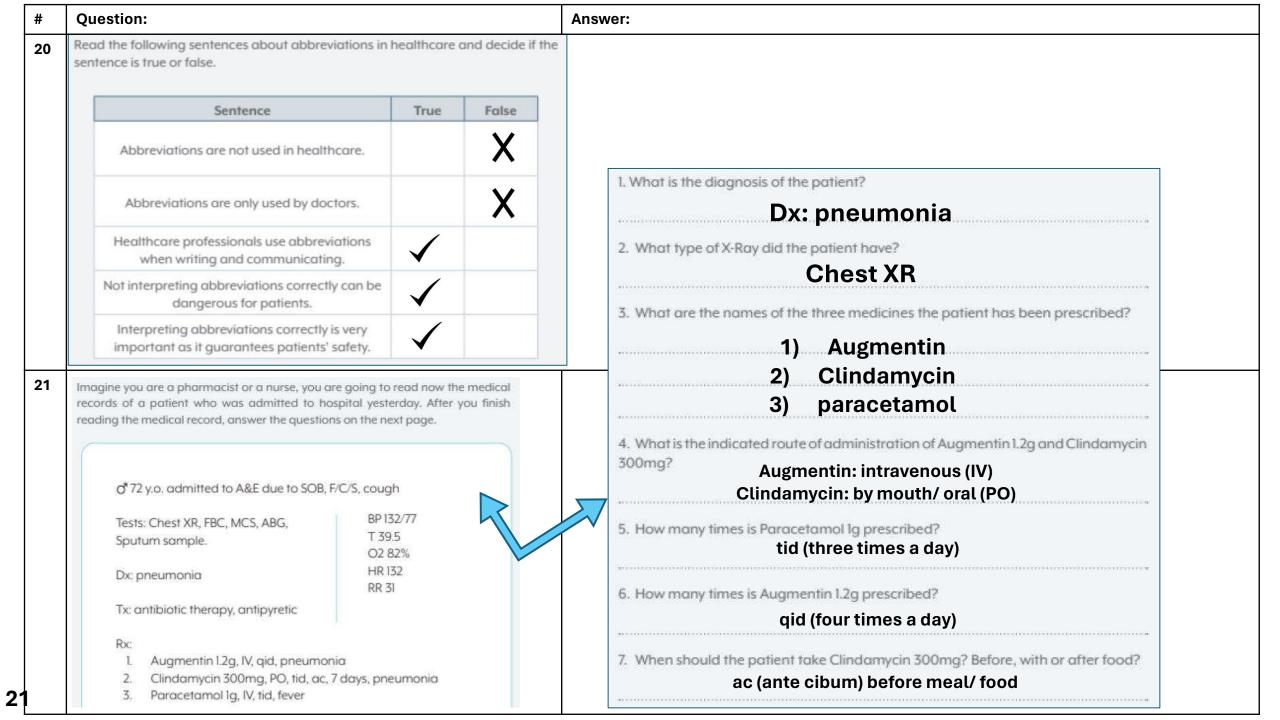


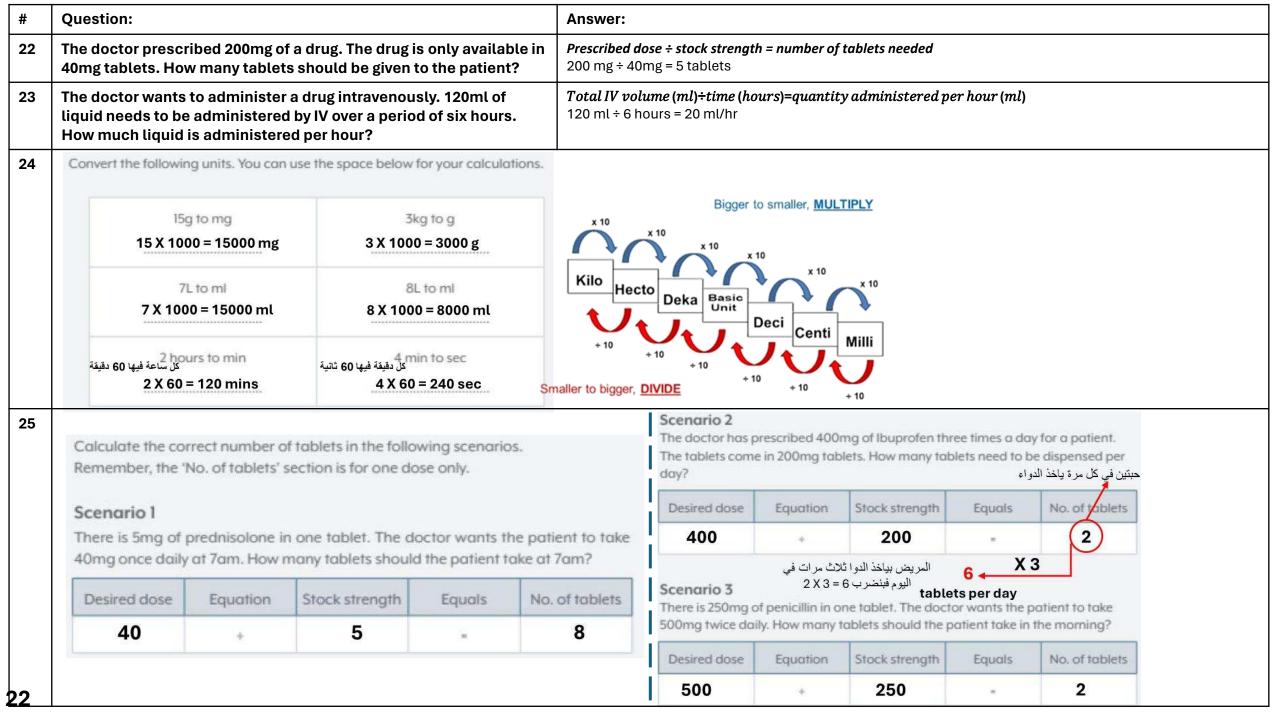


|    | Question:   |  | Answer:  |   |  |  |  |
|----|---|--|--|---|--|--|--|
| 12 | Choose one of the routes of administration and write down one advantage and one disadvantage of this route. |  |  |   |  |  |  |
|    | Rout of administration:   | Oral   | Sublingual + buccal  | Parenteral  |  |  |  |
|    | Advantages:   | #The easiest/ safest & most cost-effective.  #Stable & provide accurate dose.  #Slow-release over a period of 12/24 hrs.  (need to be taken once or twice a day).    |  | #Easy to apply. #Good if treatment is only needed for specific area. #Lower risk of side effects & affecting other drugs. | #Fast drug action (suitable for emergencies) #For unconscious patients or when the oral drugs do not work.   |  |  |
|    | Disadvantages:  | *Unpredictable absorption. (the drug will not have the expected "wanted" effect.  *Slow absorption, it takes time to show any effect. (not suitable for emergencies) | *Uncomfortable to hold a small tablet for long time.  *Can be swallowed accidentally.  *The absorption can be affected if the patient is eating or drinking. | *Not well absorbed into deep layers of the skin. *Slow absorption. *Can stain cloths.                                     | *Require aseptic (clean) conditions. *Expensive. *Painful. *Cannot be self-administered as they need a trained medical professional. *Dangerous if administered incorrectly. |  |  |
|    | sublingual or buccal. Write your ansi   | s below. Identify if the route being described is<br>wer in the boxes below the description.   |  |   |  |  |  |
|    | The drug is placed between your gums and cheek.  Buccal   | wer in the boxes below the description.  |  |   |  |  |  |
| 15 | The drug is placed between your gums and cheek.   | wer in the boxes below the description.  The drug is placed under the tongue.  | Medicines that destroy or slow   | w the growth of bacteria.   |  |  |  |
| 5  | The drug is placed between your gums and cheek.  Buccal  What is an antibiotic?                             | The drug is placed under the tongue.  Sub-lingual.  (treat) COVID-19 infection? COVI   | -  | w the growth of bacteria.   |  |  |  |



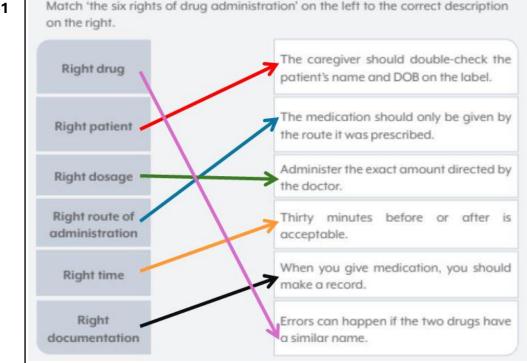
| _   | uestion:             |  | Answer: |  |  |
|-----|----------------------|--|---------|--|--|
| Wł  | nat do the follow    | wing abbreviations mean?                             |         |  |  |
|     | Abbreviation Meaning |  |         |  |  |
|     | IM                   | بضل (into muscles) Intra-muscular                    | في ال   |  |  |
|     | TOP                  | موضع <i>ي</i> Topical                                |         |  |  |
|     | bid                  | نين في اليوم (twice a day)                           | مر      |  |  |
|     | Rx                   | وصفة طبية Prescription                               |         |  |  |
|     | qid                  | quarter die sumendus (four times a day) اليوم        |         |  |  |
|     | PRN                  | لد الحاجة (pro re nata (as needed)                   | င       |  |  |
| Rec | ad the abbreviatio   | ns below and write the meaning of each of them.      |         |  |  |
|     | Abbreviation         | Meaning  |         |  |  |
|     | kg                   | kg Kilogram  |         |  |  |
|     |                      |  |         |  |  |
|     | ml                   | Milliliter   |         |  |  |
|     | mI<br>PO             | Milliliter  By mouth/ oral                           |         |  |  |
|     |                      |  |         |  |  |
|     | PO                   | By mouth/ oral                                       |         |  |  |
|     | PO<br>IV             | By mouth/ oral<br>Intra-venous (into vein) في الوريد |         |  |  |



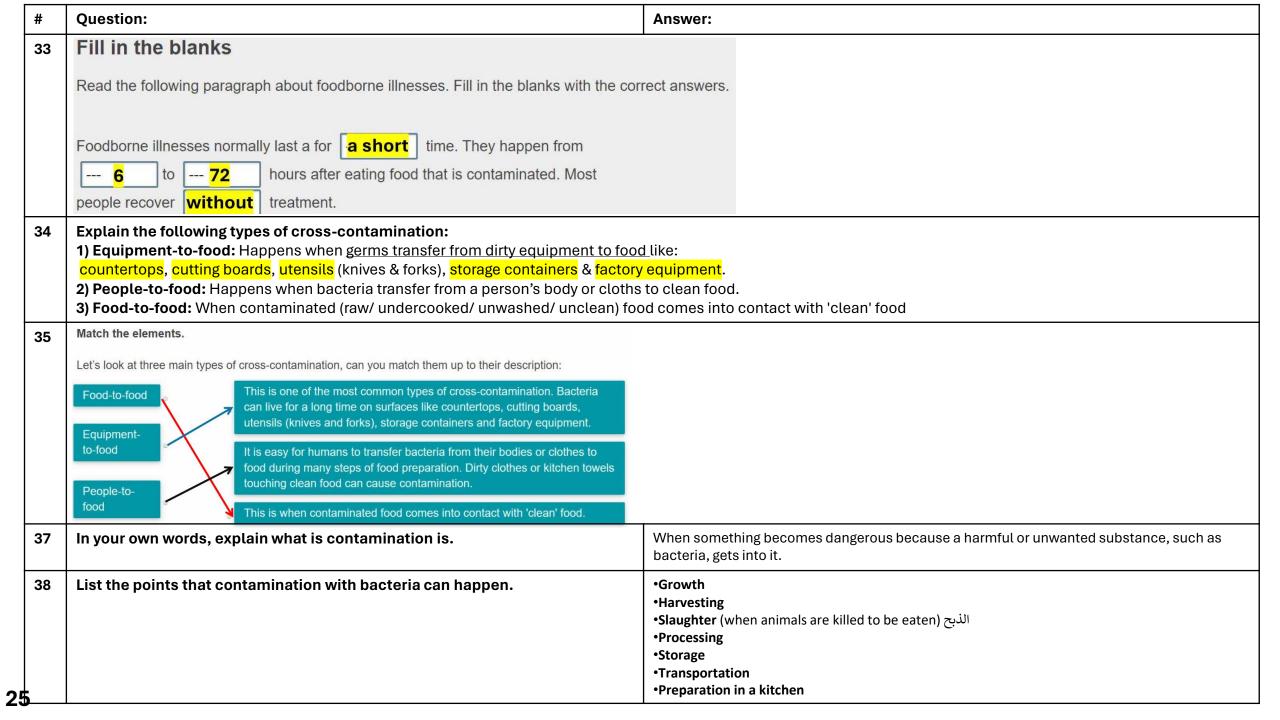


| ~~~  | Question:  |   |                           |  | Answer:                                |   |                   |  |   |  |   |  |   |
|--|--|---|---------------------------|--|--|---|-------------------|--|---|--|---|--|---|
| Look at the scenarios below. Use the calculation tables to calculate the amount of solution needed.  Scenario 1  A child has a temperature of 39.0°C. The doctor has ordered a 500mg paracetamol suspension, four times a day. Paracetamol suspension comes in 250mg/5ml. How  |  |   |                           | Paracetan                              | r has order                            | n comes in 2                              |                   |  |   | times a day.   |   |  |   |
| Desired dosage   | Equation   | Stock<br>strength                               | eds to be dis             | Stock<br>volume<br>(ml)                | r day?<br>Equals                       | Amount<br>of solution<br>required<br>(ml) | Desired<br>dosage | Equation   | Stock<br>strength                           | Equation   | Stock<br>volume<br>(ml)   | Equals   | Amount<br>of solution<br>required<br>(ml)   |
| 500  | +  | 250   | X                         | 5                                      |  | 10 ml                                     | 250               | *  | 250   | ×  | 5   |  | 5 ml  |
|  | e the correc   |   | ىلى<br>in the follo       |  | ي اليوم وكل م<br>narios.               | فَو                                       | Total per o       | Scenario 2   | نوبه في المعادلة)                           | ي لتر (الوحدة المط   |   | •  |   |
| Calculate The 'total   | e the correct<br>ol IV volum   | ct IV rates                                     | ىلى<br>in the follo       | رة بياخذ 10،<br>wing scer              | ي اليوم وكل م<br>narios.               | الد<br>فر<br>u may need t                 | 1                 | Scenario 2 A patient nee per hour?  Total IV   | لوبة في المعادلة)<br>ds to be give<br>2 X ° | ي لتر (الوحدة المط<br>n two litres p:<br>1000 = 2000   | نحول الليتر <mark>للملر</mark><br>f saline over   | •  | hat is the rate in r  |
| Calculate The 'total conversion  Scenario The doct   | e the correct live to the correct live t | ct IV rates<br>e' section<br>scribed 30         | in the follo              | رة بياخذ 10<br>wwing scer<br>e entered | ي اليوم وكل م<br>narios.<br>in ml. You | فَو                                       | to do unit        | Scenario 2 A patient nee per hour?   | لوبة في المعادلة)<br>ds to be give<br>2 X ° | ي لتر (الوحدة المط<br>n two litres p:<br>1000 = 2000   | نحول الليتر <mark>للمتر</mark><br>f saline over<br><b>0 m</b> l   | 16 hours. W  | /hat is the rate in r   |
| Calculate The 'total conversion  Scenario The doct   | e the correct of IV volume on.   | ct IV rates<br>e' section<br>scribed 30         | in the follo<br>should be | رة بياخذ 10<br>wwing scer<br>e entered | ي اليوم وكل م<br>narios.<br>in ml. You | u may need to                             | to do unit        | Scenario 2 A patient nee per hour?  Total IV volume (ml 2000  Scenario 3 A patient nee | teys في المعادلة)<br>ds to be give<br>2 X ° | ي لتر (الوحدة المط<br>n two litres p<br>1000 = 2000<br>ion Time  | نحول الليتر <mark>للملر</mark><br>f saline over<br>D ml<br>e (Hours)<br>16<br>عات (الوحدة المط<br>الاستان العالم المط | 16 hours. W<br>Equals<br>=<br>من الدقائق للساء<br>minutes. W | hat is the rate in r<br>ml<br>administered<br>125 ml/hr<br>نحول التوقيت<br>hat is the rate in r |
| Calculate The 'total conversion Scenarion The doct the rate of Total Conversion Total Conversion Co | e the correct on IV volume on IV or has present on IV e (ml)   | ct IV rates<br>e' section<br>scribed 30<br>our? | in the follo<br>should be | رة بياخذ 10<br>wwing scer<br>e entered | ي اليوم وكل م<br>narios.<br>in ml. You | u may need to over six hour               | to do unit        | Scenario 2 A patient nee per hour?  Total IV volume (ml 2000  Scenario 3               | eds to be give                              | ي لتر (الوحدة المط<br>en two litres p<br>1000 = 2000<br>ion Time<br>لوبة في المعادلة)<br>en 50ml of so | نحول الليتر <mark>للملر</mark><br>f saline over<br>D ml<br>e (Hours)<br>16<br>عات (الوحدة المط<br>الاستان العالم المط | 16 hours. W<br>Equals<br>=<br>من الدقانق <mark>للسا</mark>   | hat is the rate in r<br>ml<br>administered<br>125 ml/hr<br>نحول التوقيت<br>hat is the rate in r |

| #  | Question:  | Answer:   |
|----|--|---|
| 28 | Safe administration and storage of medication are very important. What might happen if medication are not administered or stored (kept) correctly? | Medication errors could occur, or the drug could become less effective, affecting treatment.  Medication error: wrong medication, at the wrong time or dosage.          |
| 29 | What are "the six rights" of drug administration?  | <ol> <li>Right drug</li> <li>The right patient</li> <li>Right dosage</li> <li>Right route of administration</li> <li>Right time</li> <li>Right documentation</li> </ol> |
| 30 | Explain how effective communication can improve safety in pharmacy.  | #Ensure <u>patient's safety</u> #Avoid <u>drug/ medication error (follow the 6 rights)</u> #Better <u>treatment</u> #Build <u>good relationship</u> with the patient    |
| 31 | Match 'the six rights of drug administration' on the left to the correct description on the right.   |   |



Illnesses that happen because of eating foods containing disease-causing microorganism



| #  | Question:   |   | ,  | Answer:                                       |   |  |
|----|---|---|--|---|---|--|
| 36 | Name of food:   | الدواجن Poultry   | Eggs   | Seafood                                       | Rice  | Vegetables   |
|    | Why is it high risk?  | Avoid washing raw chicken as this will spread bacteria around the kitchen.  | Bacteria can live in the <mark>yolk</mark> ,<br>white part of the egg & on<br>the <mark>eggshell</mark> .  | Fish contaminated with toxins & sewage water. | Bacteria can live in both uncooked & cooked rice. | Leafy green vegetables are especially dangerous as they are usually eaten <u>raw</u> . |
| 39 | Read the following sce  | narios and decide which type  | of cross-contamination is be   | ing descried.                                 |   |  |
|    |   | mily. When she finished, she rinsed is mother used the same utensils to   | AND THE PARTY OF T |   |   |  |
|    | mily became unwell  |   |  | tile wildle                                   |   |  |
| 2  |   | <mark>pment-to-food</mark> (from dirty utensi<br>t-food restaurant. He emptied the b  |  | ash his hands                                 |   |  |
|    | hen he prepared some burge  | ers. Customers reported feeling sic   | k a few days after this happened.  | aon mo manao.                                 |   |  |
|    | <ul> <li>Hind used a brown chopping<br/>as delicious, but they could not</li> </ul> | People-to-food (from dirty hands<br>g board to prepare some sushi for h<br>ot understand why everyone was si<br>form brown chopping board for u | ner friends. Hind and her friends tho<br>ck the next day.  | Кеер с  | lean.   | Store food in containers to avoid contact between raw                                  |
|    |   | warma for dinner. He did not realise  |  | fully cooked. It                              |   | and cooked foods.  |
| 40 |   | d to go to the hospital for a few day<br>I <mark>-to-food</mark> (form undercooked chic   |  | Separate<br>cooked                            |   | Use clean water to cook and clean with.  |
|    |   | 297.11.33°  |  | Cook tho                                      | roughly.  | Allow food to defrost in the fridge.   |
|    | (8/1  | Par Car   |  | Keep food<br>tempero                          |   | Wash your hands before handling food and during preparation.                           |
| 26 | 1 ~ ~     }   |   | VUJ)   | Use safe w                                    |   | For meat and poultry,<br>make sure the juices<br>are clear and not pink.               |