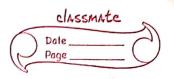
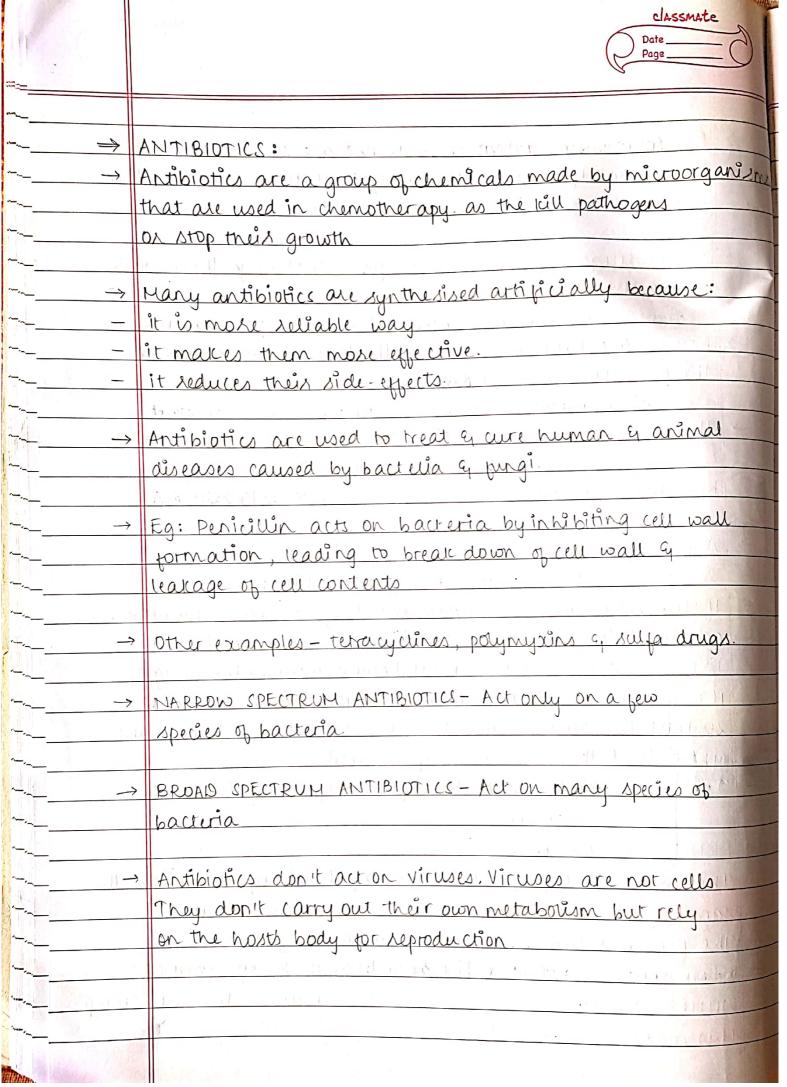
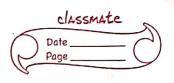
## DRUGS

70	DRUGS
•\	
<b>*</b>	DRUG is any substance that is taken into the body
<u>.</u>	that afters or injuences chemical reactions in
	BRUGS could be: without manager to a consider the
	grant in the trade sand probable and the sand selection
···	MEDICAL DRUGS: used to treat diseases, or reduce
111	Eg: Aspivin, Mosphine, Antibiotics
	RECREATIONAL BRUGS:
	HALLUCINOGENS: Cause psychedelic visions for the
<u>-</u>	drug user.
	Eg: LSD(Lypergic Acid Diethylamide)
- 	STIMULANT: Mood enhancing drugs which give the
-	user a short-lived feeling of well being genergy.
	Eg: Cocaine, Ecstasy, Amphetamines.
-	DEPRESSANTS: Slows down the nervous system.
	Eq: Heron
<u>-</u>	action of the second second with the second with
	SOCIALLY ACCEPTED DRUGS: Taken for their pleasurable
	exects. Also they help people relax or concentrate.
1.76	Eg: Alcohol, Nicotine, Caffeine
<u> </u>	
	and the same and a second of the second of t
	The same of the sa
	April 1



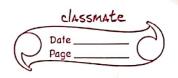
1		DRUGS & THE BODY:
	>	Drugo interfere with the way that the revous system
		works i lin alter par to all alle alle and a
		There is a second of the second
	<b>→</b>	Some drugs can act as synapses & change the way in
		which neurons send impulses.
		The state of the s
	$\rightarrow$	Drugs are broken down in the body by enzymes &
		the products are excreted try and the minute of
	$\rightarrow$	The breakdown products can be detected in the wine
		Ex thats why wine tests are carried out to see it people
		have been taking deugs.
		And the state of t
100	7	ABBICTION: 100 A GOURT MANUAL CLASSIC TO THE LINE
	-	Some drugs have the potential to be addictive
	_	If the body comes to vely on the deug, aperson can become
		addicted & feel the need to take it regularly
	_	The body's metabolism may become used to the drug of
		the liver may produce more enzymes to break it down.
		so that the dose of the drug has to increase to have the
	_	This is what leads to development of drug tolerance
The state of the s		v v
	-1	BRUG TOLERANCE:
1		This means that people take more of the dug to achieve the
No.		same effect.
	-	The person becomes dependent on the drug.
		when people stop taking the drug they may experiance
Sec. of		WITHBRAWAL SYMPTOMS -> can vary from nawea to severe cramp
To the same	_	This makes giving up the drug very difficult.
AL PROPERTY		





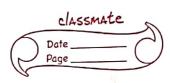
$\rightarrow$	To control viruses we need to use antibiotice that inhibit
	human metabolism q that is not possible
	Section of the production of the section of the sec
-	However, antivisal drugs are available.
$\Rightarrow$	HEROIN: MALL OS SALE HARVEL MAILY TOLLARS TO SALES THE
$\rightarrow$	Heroin is a compound modified from morphinelwhich is
	extracted from opium a poppies a used as painkiller)
$\rightarrow$	It is highly addictive qua powerful depressant that
	slows down the nevous system is no habitation and administration
	The state of the s
$\rightarrow$	Its molecular structure similar to that of ENDORPHINE
	which is body's natural painfaller. It is not market and
->	It slows down impulses along neurons transferring
	information from pain seceptors to the brain
	A CLARA COLOR OF THE COLOR OF T
$\rightarrow$	when people take heroin for the 1st time, the feel a
	beeling of contentment quinters e happiness. This is called
COY.	EUPHORIA gorife que el lle le company de la
16.00 / A	
	Toterance is developed when more a more heroin is needed
	by the body to prevent new cells sending impulses to the brain
	as the body doesn't produce its natural painkillers
-	Il the dura instruction therein herman, wherealth
	If the drug isn't taken, thepain becomes unbearable
$\rightarrow$	The amount of drug taken has to be greater in order to feel
	euphoria

	classmate  Date Page
· ->	Addiction occurs within 2-3 weeks of consumption
·	It could be taken by smoking, snipping or injecting it
→ → · · · · · · · · · · · · · · · · · ·	Injecting can cause vins to collapse & tissues surrounding start to die giving the condition known as gargrene
···	There is a lisk of transmission of the HIV if addicts of eachange needles or syringes
→ 	The idrug can be expensive which drives many people to be come criminals in order to fund their habit.
	Addiction makes it difficult keep a job This leads to jamily breakdowns & homelessness & also isolation from society.
	withdrawal symptoms in du de - sleeple soness - hallucinations known as
1,31	- muscle cramps COLON - sweating TURKEY - vomiting
	hand March of Andread March Ma
~	OVERCOMING HERDIN:
	Needs great deal of will power. Ex support from others

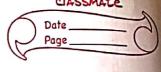


	Renabilitation which involves staying in a treatment centre
	THE THE TANK OF THE TOTAL OF THE MATTER A TH
	Methadone is given which has some effects as heroin. The
	realment consists of gradually reducing the dose
	The state of the second st
$\Rightarrow$	ALCOHOL: when a d the most property was a second
->	When alcoholisiconsumed, its absorbed into the blood very
	quickly because it is a very small molecule a doesn't need
	to be digested
	residut yours chara is so to his you served as a darker
	It is also soluble in cell membranes, so it is absorbed very
	quickly through the wall of the stomach & small intestine.
	11. Altorio De Santilio de Control Carlos Interna
$\rightarrow$	Alcohol gets distributed throughout body through blood
	The same of the sa
$\rightarrow$	It is absorbed by liver cells & broken down by enzymes. This
	process quicker in men that it is in women because in
	men these enzy mes tend to be more active
	The converting individual straint
$\rightarrow$	Men also have more water gless fat in their bodies which
	tends to cause the concentration of the alcohol in the blood
	to decrease more quickly
	The state of the s
	Alcohol is a depressant. It affects brain by slowing down
	the transmission of nerve impulses
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
7	In small quantities alcohol has the effect of removing
	inhibitions so people find it easier to socialise with others
	- March March Company of the Company
	Archive the second

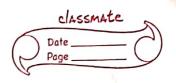
<u>\</u>	With larger quantities it leads to less of co-ordination,
	judgement a control of movements because the first part
	to affects cerebellum
	Alcohol doesn't lead to addiction as quickly if at all
	Many people drink alcohol in small to moderate
	quantities throughout their lives without becoming
	addicted
	Alcoholics (people dependent on alcohol) develop tolerance
T	as more enzymes that metabolise alcohol are made in
7~-	the liver. They therefore need to take greater quantities
or the second se	of alcohol to get the same effect.
-,	
-~- <u> </u>	Without drink they find it hard to cope with every day
~	problem.
Ī^	
	The misuse of alcohol is a factor in-
	crime & violence including murders
17 1 17	family disputes
Ti di	malital breakdown
- British Inc.	child neglect q abuse
	absenteeism from work
to the second	vand alism I mail a mai
	road accidents
	LONG TEDM ECTERTY MANAGEMENT
	LONG TERM EFFECTS of alcohol:
1. 7.	Stomach ulcers
	Heart diseases
The second of th	Obesity
A Company	Jan 19
Control of the Contro	



TAG	
12	Fatty üver (fat is stored of built up inviver)
1 1	View dainy habout some from a some with the second
	Liver gets damaged
	3.21
	It needs to be seplaced by fibrous scartissue & ?.
	5 5.
<b>N</b>	Liver becomes full of nodules - cirrhosis
	V as a somitmetal distribution of the second of the
	Liver becomes less able to surve tossins
A STATE OF	- other handle are present the country of the attended the
_	Drinking during pregnancy can damage the fetus, increase
	the risk of miscalliage or premature birth queduce
	the average birth weight beganning in morarin it
$\Rightarrow$	SMOKING & HEALTH:
<b>→</b>	COMPONENTS Of TOBACCO Smoke: Nicotine
	Tal many
	he remains the superinter CO. He had the
	smoke particles
Bill Market and the	NICOTINE
-	It has molecular structure that allows it to interact
	with the nervous system.
	the impossible May 108 at the state of the s
-	It is absorbed very quickly by alveoi
-	It interacts with nerve cells at impulses. It is a stimulant
	Many the contract of the state
The second secon	It makes the heart beat faster & narrows the arterioles
	which increases the blood pressure

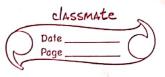


	It increases the stickiness of the platelets that promote
	blood chotting. Also more force is needed to push it:
~_	The state of the s
~ <del></del>	TAR:
4	Black sticky material that collects in the lungs as smoke
	cools
~	errefundance continues to the late of the second
~	- It doesn't pass into the blood chream.
·	
	- It issitates the lining of the airways & stimulates
1	then to produce more mucus cilia is damaged
~	because of inoling, so the mucus isn't removed by
	the airways are narrowed.
	- Developement of smoker's cough as this material is:
-	moved back to the throat
	Travest backs to the majora.
	- Some of the chemical compounds in the tar are
	cascinogens
·~	
·~	→ CARBON MONDXIAE:
·	- Poisonous gas
-,	ty order where arrives and have the second
·/~	- It is absorbed & combined with harmoglobin permanently
	a reduces the volume of oxygen that blood can carry
	by 10°1.
<u></u>	- This puts extra strain on heart by makes it beat faster
1 200	q hal der
	The second of th



_	Smoking during pregnancy prevents the jetus from developing
	properly because there night not be enough oxygen in the
	blood. Due to this, the baby might have smaller birth weight
	or could be premature
	- Control of the cont
$\rightarrow$	SMOKE PARTICLES:
_	They are small burns tragments of robacco.
	not see the
_	They accumulate in lung tissue & stimulate the body's
	defence system to remove them
	one a started in a recent to a patent and a start of
$\Rightarrow$	DISEASES CAUSED BY SMOKING:
$\rightarrow$	CHRONIC BRONCHITIS & EMPHYSEMA:
_	Tobacco smoke ixeitates the lining of the airways
	And the Commence of the same
_	Mucus secreting cells produce more mucus in response
	but cilia stop beating.
	1 1 b a 1 d ve fall de parte e e e e e e e e e e e e e e e e e e
-	This means that the dust, dirt & bacteria that stick to it
	are not removed from the lungs.
	any of forther to the way and a little a
_	It accumulates & bactura multiply. This stimulates the
	body's in mure system to send phago cytes to the place where
	this happens - particularly the bronchi where particles settle
	out of the air I was a second
	Larva with the in
-	The bronchi become blocked as large amounts of pheegin
	(mixture of mucus, bacteria & WBG) are produced which
	people attempt to cough up.
1	

1/4	
-	
-	This condition is called CHRONIC BRONCHITIS. People
***	with this condition find it difficult to move air into or
	out of their lungs as bronch are partly blocked
117	of thomas and of the order
	Particles, pacteria & tar reach the alveor.
	The state of the s
	Phagocytes agest a pathway through the lining of the
	alvior to reach them.
-	Eventually this weakens the walls of the alveoli
741	so much that they break down a burst reducing
	the surface area for gaseous exchange
	This condition is called EMPHYSEMA which leaves
~	people gasping for breath as they cannot absorb
	erough oxygen or remove cor efficiently
	LUNG CANCER:
	Cause - cal cinogens in tar which promote changes
T~	in ANA of cells tining the airways
~	The call = 0.2 0 1° 21
	The cells grow & divide out of control & a group
	of cells known as tumour's formed.
··	They stall to many land
	They store to occupy larger area of eventually block
	air ways of blood vissels. Tumour may break of a spread into other organs.
da da	May Vigues.
10-10-10-10-10-10-10-10-10-10-10-10-10-1	



<b>&gt;</b>	HEART DISEASE COM THE DE LINES OF ACTUAL A. 19		
	smoling increases the chances that fat will deposit in the	e voc	alls
	V	1	
	Nicotine increases also aces models of at the	, ,	
	Ni cotine increases chances of blood dot.	<i>/</i>	
	There is an increased xisk of CHO queart muscles con		
	be danaged	<u> </u>	
	be activities		
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