NI. Rizuren

Pharmacology & Therapeutics 219 MCQ's (Send up examination)

Max Marks: 60	Time allowed: 60 mins
1. Variation i the sensitivity of a popular	tion of individuals to increasing doses of a drug is
best determ ned by which of the follow	ving?
a, Effica y	b.Potency , d. Graded dose response curve
2. The dose with produces toxic effect i	n 50 % of the population is:
n. ED50	6)TDSO TOSGET
c. TD99	d. ED1
3. All of the folk wing are 2nd messengers	EXCEPT:
a. IP3	b. cAMP
leng laging @ Adenylyl yelase	d. DAG
4. The phenomen n of decrease in intensi	ty of response to a given dose of a drug after
repeated admin stration so that greater	amount of drug is required to produce the same
previous effect called:	5 - 4 - west to produce and same
a. Allergy	b. Dependence
C Tolerance Toles an as):-	d. Idiosyncracy
Chronic use of a antagonist over a long	g period of time may cause an increase in the
number of recep ors. This is called:	
a. Desensitization	b. Down regulation
c. Tolerance	d) Up regulation
6. What is the situal on when failure to ec	ntinue administering the drug result in serious
psychological and somatic distrubances	called?
a. Abstinence' withdrawl syndrome	b. Idiosyncracy
c. Tachyphyla is	d. Antagonism
7. Select a receptor which itself has enzym	tic property:
(a.) Insulin rec ptor	b. Steroid receptor
c. Thyroxine receptor	d. Spare receptors
8. A man is given a drug to reduce thy	roid gland size and ascularity before surgical
thyroidectomy. Thich mechanism is ret	ponsible for its use in is setting?
a. inhibition I the sodium/iodide syr	iporter
b. Inhibition I thyroperoxidase	
c. inhibition f TSH secretion	
d. inhibition f thyroid hormone releas	
9. Insulin secretag gue are used widely in	the treatment of diab les type 2. Which of the
following drugs cts by increasing insuling	secretion?
abiguanides /-(Sulfonylureas - Congression as as
c. Acarbose .	d. thizolidenidions

20. Which of 10. A patients comes to emergency department in a confused state. He has fruit smelly break A patients comes to emergency department in a control of the present in urine. Which of upon examination. His blood sugar is 250mg/dl. Ketones are present in urine. Which of the following insulin preparation will be useful in this case: d. Glargine inspirit

e. NPH insulin

l. A 50 years old lady having breast cancer may be treated with which of the following drugs having effects on estrogen receptors 12. Glucocorticoids have been proved to be effective in the treatment of all the following b. Bronchial Asthma a. Addison's diseases 13. Which of the following drug is a potent inhibitor of corticosteroid synthesis and is used in severe Cushing's disease? b. Hydrocortisone. a. Dexamethasone. 14. Which of following is best drug to distinguish between myasthenic erises and cholinergic d. Prednisone. (b.)Edrophonium a. Atropine d. Pralidoxime 15. Which of the following may precipitate an attack of glaucoma if instilled into the eye (b) Atropine a. Physostigmine d. Echothiophate c. Pilocarpine 16. A 60 year old man who was smoker is diagnosed with chronic pulmonary disease and suffers from occasios. I bronchospasm. Which of following would be effective in treating him? b. Scopolamine patches Ipratropium aerosol d. Propranolol c. Mecamylamine 17. Atropine is antidote for a. Organophosphate poisoning b. Physostigmine poisoning c. Mushroom poisoning (d.) All of above 18. A patient with Anaphylactic shock is brought to emergency. Which of following drugs is most appropriate to treat this patient: b. Dobutamine a. Phenylephrine d. Norepinephrine (c.) Epinephrine 19. A young boy experiences headache, vertigo and nausea after climbing to Mountain. Select a drug that is useful in preventing high altitude sickness. (a.) Acetazolamide A code 20 Lensin d. Furosemide Amiloride. c. Ethacrynic acid

SIADH

	20. Which of the following drug increases the formation of dilute urine and is used to reverse SIADH (syndrome of inappropriate ADII secretion). a. Desmopressin. c. mannitol. d. Furosemide 21. Which of the following drugs slows conduction through AV node and has its primary
	a. Diltiazem. a. Diltiazem. digoxin. de gentin d. Quinidine
	22. Which one of the following is most likely to contribute to the arrhythmogenic effect of digoxin? a. Increased extracellular potassium b. Decreased renin release
	23. Select the proposed mechanism of antihypertensive effect of propranolol. a. It blocks muscarinic receptors b. It causes reduction in both cardiac output and renin release.
	c. It inhibits entry of calcium into blood d. It blocks alpha ne receptors. 24. Persistent dry cough may occur as a side effect of the following antihypertensive drug (Coul):
	a. Englapril b. Atenolol c. Diltiazem d. Methyldopa
~c	25. Which of the following a hypertensive is used topically to treat alopecia areata(Baldness) a. Hydralazine b. Prazosin c. Alinoxidil (n-trucuedil): d.Guanethidine
	26. Which of the following antiarrhythmic drugs has longest half life? a. Adenosine b. Quinidine
	(C) Amiodarone Ami Observe) d. Lidocaine
	27. A patient of hyperlipidemia is started on simvastatin. Which of the following is a major mechanism of this drug a. Increased excretion of bile acid b. Increased secretion of VI. Days
	28. Which of the following drugs is filbrinolytic? Sleept-officers:
	c. Aspirin d. Warfarin 29. Which of the following drugs is GP IIb / IIIa inhibitor
	a. Clopidogrei c. Aspirin 30. The drug forming a physical barrier/coating to HCL and Pepsin of stomach is: a. Ranitidine b. Ticlopidine c. Aspirin b. Ticlopidine c. Aspirin Abciximab
	a. Ranitidine b. Sucralfate c. Omeprazole d. Pirenzepine

	- mach except.
31. Following drugs decrease acid secretion of	b. Proton pimp inhibitors
a. H2 receptor antagonists	d) Laxatives Leating): -
a Antacids	-teletal muscle tremes
32. A 16 yrs old girl treated for asthma des	dlaxatives () colling): celops skeletal muscle tremors that is drug induced. cause? Section of the section o
Willenda	n. Dec
(a.) Salbutamol	d. Ipratropium
c. Cromolyn	were pain along the Rt. Side of Jaw and
33. A 35 years old patient complaining of se	d. Ipratropium vere pain along the Rt. Side of jaw and face. The
DCSI CHOICE	- H. IDubioici.
a. Methadone (c) Carbamazepine (CZ ha we day)	d. Lorazepam
34. An 18 years old college boy was all the sample of the	d. Lorazepam morphine for the last 1 year. He now presents in of drowsiness, disorientation, cyanosis, pupils allow breathing. His BP is 90/60mmHg. Which one of the the effects of morphine:
emergency department with	allow breathing, HIS BF IS 20,000
the following drugs is given to overcom	ne the effects of morphine:
a. Flumazenil	
Naloyone & Kallowers	d. Ketamine
25 A 51 years old patient with parkinsonis	d. Ketamine m is being maintained on levodopa-carbidopa with one but continues to have off periods of akinesia. The
adjunctive use of low doses of entacape	one but continues to have off periods of akinesia. The ient but that will only provide temporary relief is:
most appropriate drug to rescue the pat	
(a) Apomorphine	b. Carbidopa d. Selegiline
c. Ropinirole	
	ms. He is given a spasmolytic that is also used in the
36. A patient is having severe musel by ove	erdose of a local anesthetic. Which of the following
drugs is it most likely? O in Effe.	
a. Baclofen	b. Cyclobenzaprine
D. Jackena	(d.)Diazepam
37 A 31 years old man is diagnosed with	schizophrenia. He is treated with a neuroleptic drug
a t t and anticed at	an develops level of lost a triciary
stopped and supportive measures are t	aken. Which of the following drugs should also be
given?	
a. Amoxapine	(b) Dantrolene Structsoloure).
The continu	d. Lithium
38. In which of the following conditions	would aspirin be contraindicated?
a. Myalgia	b. Fever
© Pepticulcen Projettice	d. Rheumatoid arthritis
20 4-75 year-old woman with an upper i	respiratory tract infection caused by H. influenza is
39. A 25-year-old with trimethonrim-Sulfametho	oxazole. Which bacterial process is inhibited by this
combination, and accounts for the ant	tibacterial effect.
	b. Protein synthesis
a. Cell-wall synthesis	
© Folic acid synthesis	d. DNA gyrase
Felicani de y miliosis	8
Motor 1	

Telm Test CVS+ CNS+ANS+Graves

Pharmacology & Therapeutics Total Marks: 30 MCQ's Type Time Allowed: 30 Min

1)	Which one of the following drug is associated with positive instropic effect?						
1180	a) Losartan b) Verapamil © Dobutamine d) Propanolol						
2)							
	154/93 on ambulatory blood pressure monitoring. After starting treatment he presents with drys						
	cough, Accumulation of which one of following protein is responsible for it?						
	a) Adenosine b) Histamin (c) Bradykinin d) Acetylcholine						
3)	Best choice for a patient who has history of vasospastic angina?						
	a) ACE inhibitors b) Beta blocker (c) Nifedipine d) Thiazide diuretic e) Verapamil						
4)							
	a) Esmolol (b) Timolol (c) Silodosin (d) Yohimbine						
5)							
	a) Flumazenil (b) β-Carbolines c) Chlordiazepoxide d) Glutethimide						
6)							
	perceptual illusions and vivid dreams during recovery from anesthesia?						
2.9	a) Diazepain b) Fantanyl . © Ketamine d) Midazol un						
7)	effects?						
1.0	a) Increase the risk of convulsions						
	b Increase the duration of anesthetic action of the local anesthetic						
	c) decrease the risk of convulsions d) decrease the duration of action of local anesthetics						
8) Bio-transformation of the drugs is to render them						
	(a) Less lipid soluble b) More protein bound c) Less ionized d) Less protein bound						
9)	Which of the following drugs is a volatile substance that is administered by inhalation? (a) Thiopental (b) Halothane (c) Alprazolam (d) Buspirone (e) Phenytoin						
	a) Thiopental (b) Halothane c) Alprazolam (l) Buspirone e) Phenyloin						
	Which of the following antihypertensive drug is renin inhibitor? (a) Prozosin (b) Verapamil (c) Chlonidine (d) Prozosin						
-							
11	1) Which of the following adverse effect can be caused by Thiazide diureties? a) Hyperkalemia b) Hypokalemia c) Hypernatremia d) Hypoglycemia						
	a) Hyperkalemia (b) Hypokalemia (c) Hypernatremia (d) Hypoglycemia						
12	2) A good example of chemical antagonism is? (a) Heparin & Protamine (b) Protamine & Zinc (c) Heparin & Prothrombin (d) All the above						
	a) Heparin & Protamine b) Protamine & Zinc c) Heparin & Prothrombin d) All the above						
13	3) Acidic drugs mainly bind to following substance? (a) Albumin b) Alpha1 acidic glycoprotein c) Myoglobin d) Mannitol						
1	The loading dose of a drug is usually based on the following characteristic? Total body clearance of the drug b) Percentage of drug bound to plasma proteins						
	c) Fraction of drug excreted unchanged in the urine (d) Apparent volume of distribution (VD) and desired drug concentration in plasma						
J.	(d) Apparent volume of distribution (v12) and desired drug concentration of passing						
1.	5) Alkalinization of urine hastens the exerction of a) Weakly basic drugs (b) Weakly acidic drugs c) Strong electrolytes d) Both a & b						
	a) Workly basic drugs (b) Weakly acture urugs e) Strong electrolytes (d) Both 4 & b						

6) High plasma proto	oin binding can cause followi	-CCoat?	4.
a) Increases the vi	olume of distribution of the d	ng enectr	omerular filtration of the drug
(c) Generally make	es the drug long acting	d) Both n & b	merenni mataton or me arag
17) Which of the foll	owing diuretic would be most		ent of comatose patient with
brain injury and	cerebral edema?	t discitul ili adata il-ilii.	
(a) Mannitol	b) Acctazolamide	e) Eurosemide	d) Amiloride
	g which has following charact		
a) The prototype	member of a class of drugs	b) The oldest memb	er of a class of drugs
In Am immedian d	many allows by a second Consequent to the I	de to an active cirul	
d) A drug that i	s stored in body tissues and is t	hen gradually released	in the circulation
. 19) Tachyphylaxis	is a phenomenon which has fol	lowing characteristic?	
a) A drug intere	action between two similar type		two types of drugs
	eloping decrease response	e) A synergism betw	veen two types of drugs
d) None of the	above diagnosed for myesthenia grav	the mountain the expected t	o have improved
neuromuscular	function after being treated wi	th	
a) Donepezil -	b) Edrophonium c) At	ropine d) Echothio	phate @ Neostigmine
21) A 50years old	male farm worker is brought to	emergency room. He w	as found confused and
unconscious, F	lis heart rate is 45 and blood pr	essure is 80/40mm. He	s sweating and salivating
	ich of following treatment is in	diented?	d) Edrophonium
a) Physostigm	ine b) Norepinephrine ist can antagonize the effects of	The same of the sa	
(a) High affinit	y but low intrinsic activity	b) Low affinity but	high intrinsic activity
c) No affinity	and low intrinsic activity	d) High affinity but	no intrinsic activity
23) The first-line of	irug for treating an acute attack	of re-entrant supravent	ricular tachycardia (SVI) is
(3) Adenosine	b) Digoxin c) Propranol	ol d) Phenyler	ohrine e) Edrophonium
	ombs' test and hemolytic anem	ia may follow the adimi	nstration of which
antihypertensit		uanabenz d)	Prazosia e)Atenolal
25) A Patient who	has had attacks of paroxysmal		
choice will be			
- a) Adenosine		idocnine d)	Nifedipine (e) Verapamil
26) The most impo	rtant therapeutic indication of	acetazolamide is?	
n) Congestive l	eart failure b) Renal inst	ufficiency e) Cirrhosi	
	tic that can cause gynaecomas	stia, hirsutism and men	strual disturbance as a side
effect on long-to			
a) Amiloride	(B) Spironolactone	c) Metolazone	d) Acetazolamide
28) Down regulation	of receptors can occur as a	consequence of	
(I) Continuous u		\$100 Mark (1990) 1990 1990 1990 1990	uous use of antagonists
c) Chronic use o	f CNS depressants	d) Denery	
	lowing drug act by combining	ng with G protein conj	oled receptor:
		Ilucocorticoid recepto	r d) Physostigmine
	index of a drug is a measure		IV P
(a) Safety	. b) Potency	e) Efficacy	d) Dose variability