Pharmacology & Therapeutics MCQ's (Send up examination)

Max Marks: 60	Time allowed: 60 mins
1. Variation in the sensitivity of a populati	on of individuals to increasing doses of a drug is
best determined by which of the following	mg.
a. Efficacy	b.Potency
C. Quantal dose response curve	d. Graded dose response curve
2. The dose which produces toxic effect in a. ED50	30 % of the population is:
c. TD99	(b.)TD50
	d. ED1
3. All of the following are 2 nd messengers	
a. IP3	b. cAMP
© Adenylyl cyclase	d. DAG
4. The phenomenon of decrease in intensit	ty of response to a given dose of a drug after
repeated administration so that greater a previous effect is called:	amount of drug is required to produce the same
a. Allergy	b. Dependence
C. Tolerance	d. Idiosyncracy
5. Chronic use of an antagonist over a long	a paried of time many
number of receptors. This is called:	g period of time may cause an increase in the
a. Desensitization	b. Down regulation
c. Tolerance	d. Up regulation
6. What is the situation when failure to con	
psychological and somatic distrubances	called?
a. Abstinence/ withdrawl syndrome	
c. Tachyphylaxis	d. Antagonism
7. Select a receptor which itself has enzym	사 :
[1] 그리고 A 전환경에 프로그리트 그리고	b. Steroid receptor
a.) Insulin receptor	
c. Thyroxine receptor	d. Spare receptors
8. A man is given a drug to reduce thy	roid gland size and vascularity before surgical
thyroidectomy. Which mechanism is res a. inhibition of the sodium/iodide syn	ponsible for its use in this setting?
(b) inhibition of thyroperoxidase	
· 1 11 thing of TSH secretion	
	se
a register are used widely if	ine treatment of diabetes spe
increasing insulin	[Secretion.
10个是10位于AAPERABERATELESEED TO	Uijuaii
a. biguarides	d. thizolidenidions
a Acarbose	

	e confised state. He has fruit smelly breath
10. A patients comes to emergency depart	ment in a confused state. He has fruit smelly breath 250mg/dl. Ketones are present in urine. Which of
and avamination fits blown sugar to	2JUIL9/
the following insulin preparation will be	e ascial in the
(a.) Regular insulin	b. Lente mauni
	d. Glargine insulin
11 A 50 years old lady having breast co	ancer may be treated with which of the following
drugs having effects on estrogen recep	tors vonofital as
a. Ethinyl estradiole	b. Flutamide.
and the control of th	(Tamoxifen
c. Leuprolide.	o be effective in the treatment of all the following
except: a. Addison's diseases	b. Bronchial Asthma
	(d Pentic ulcer
c. Anaphylaxis	nt inhibitor of corticosteroid synthesis and is used in
severe Cushing's disease?	
a. Dexamethasone.	b. Hydrocortisone.
○ Vatacanagala	d. Prednisone.
14. Which of following is best drug to dis	tinguish between myasthenic crises and cholinergic
crises?	
a. Atropine	b. Edrophonium
c Physostiamine	d. Pralidoxime
15. Which of the following may precipita	te an attack of glaucoma if instilled into the eye
a. Physostigmine	(b) Atropine
c. Pilocarpine	d. Echothiophate
16 A 60 year old man who was smoker is	diagnosed with chronic pulmonary disease and
suffers from occasional bronchospasn	n. Which of following would be effective in treating
him?	
(a.) Ipratropium aerosol	b. Scopolamine patches
c. Mecamylamine	d. Propranolol
17. Atropine is antidote for	
a. Organophosphate poisoning	b. Physostigmine poisoning
	(d.)All of above
c. Mushroom poisoning	brought to emergency . Which of following drugs is
	blought to emergency twinen or remaining
most appropriate to treat this patient:	The Later Company of the Company of
a. Phenylephrine	b. Dobutamine
© Epinephrine	d. Norepinephrine
19. A young boy experiences headache, ve	ertigo and nausea after climbing to Mountain.
Select a drug that is useful in preventing	
(a.) Acetazolamide	d. Furosemide
	u. I diosomiae
c. Ethacrynic acid	

es the formation of dilute urine and is used to reverse
ADH secretion).
(b) Conivaptan
d. Furosemide
conduction through AV node and has its primary
b. Propranolol
d. Quinidine
likely to contribute to the arrhythmogenic effect of
b. Decreased renin release
d. Vagal stimulation
ypertensive effect of propranolol.
ac output and renin release
plood
2000
e effect of the following antihypertensive drug
effect of the following antihypertensive drug
b. Atenolol
d. Methyldopa
e is used topically to treat alopecia areata(Baldness)
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31. Following drugs decrease acid secretic	on of stomach except.	
a. H2 receptor antagonists	b. Proton pimp illifoliois	
c. Antacids	d. Laxatives	uced
32. A 16 yrs old girl treated for asthma	develops skeletal muscle tremors that is drug ind	uccu.
Which of following is the most likel	v cause?	
(a.) Salbutamol	b. Beclomethasone	
Cromolum	d. Ipratropium	
33. A 35 years old patient complaining of	severe pain along the Rt. Side of jaw and face. T	ne
best choice of this neuralgic pain is:		
a. Methadone	b. Ibuprofen	
(c.) Carbamazepine	d. Lorazepam	
34 An 18 years old college boy was takin	g morphine for the last 1 year. He now presents i	in
emergency department with complaint	ts of drowsiness, disorientation, cyanosis, pupils	•
constricted, yellow clammy skin and s	shallow breathing. His BP is 90/60mmHg. which	one of
the following drugs is given to overco	me the effects of morphine:	
a. Flumazenil	b. Buspirone	
(c.) Naloxone	d. Ketamine	
35. A 51 years old patient with parkinsoni	ism is being maintained on levodopa-carbidopa v	vith
adjunctive use of low doses of entacap	one but continues to have off periods of akinesia	a. The
most appropriate drug to rescue the pa	tient but that will only provide temporary relief	is:
(a) Apomorphine	b. Carbidopa	
c. Ropinirole	d. Selegiline	
	sms. He is given a spasmolytic that is also used is erdose of a local anesthetic. Which of the follow	
a. Baclofen	b. Cyclobenzaprine	
c. Dantrolene	(d.)Diazepam	
c. Dantiolene	шу видорин	
and now he becomes rigid confused an	schizophrenia. He is treated with a neuroleptic of and develops fever of 105 F. Therapy with neurol aken. Which of the following drugs should also	eptic is
a. Amoxapine	(b) Dantrolene	
c. Fluoxetine	d. Lithium	
8. In which of the following conditions v		
	b. Fever	
a. Myalgia	d. Rheumatoid arthritis	
© Peptic ulcer	d. Kneumatoid arumus	
the state of the s	in the still Gration and the II influence	•_
9. A 25-year-old woman with an upper re	espiratory tract infection caused by H. influenza	15
	xazole. Which bacterial process is inhibited by the	his
combination, and accounts for the antil		
a. Cell-wall synthesis	b. Protein synthesis	
C.) Folic acid synthesis	d. DNA gyrase	